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“ ” 表 X 表

		E21B43/24, E21F15/00
1.1.1.6		: E21B21/08, E21B44/00, E21F17/18
1.1.1.7		: B03, B07B, B07C5/00; B03B13/00, B07B13/04
1.1.1.8	泵	: F24D3/18, F24D12/02, F24H4/00, F25B30/06
1.1.1.9	备	: E21B43/12, E21B43/16, E21B43/25, E21C25/00, E21 C27/00, E21C29/00, E21C31/00, E21C35/00, E21C37 /00, E21C39/00, E21F1/00, E21F13/00, E21F17/00
1.1.2		
1.1.2.1		: F01D15/10, F01K23/02, F02C6/00
1.1.2.2		: F01K7/32, F22B3/08, F22B35/12 : F01K25/10
1.1.2.3		: F01K9/00, F01K13/00, F01K17/00, F01K19/00, F02G 5/02, F25B27/02
1.1.2.4		: H02J3/38
1.1.3		
1.1.3.1	备	: F23K1/00; C10J3/00, C10L5/02, C10L9/00, C10L10/00
1.1.3.2		: F02B45/02 : F23D14/26, F23D14/32, F23D14/58, F23D14/66, F23 D23/00, F23L7/00, F23L15/00, F23R3/28, F24V30/0 0, F27B1/26, F27B1/28, F27B3/28, F27B5/18, F27B7 /42, F27B9/40, F27B13/14, F27B14/20, F27D19/00, F27D21/00; F23B10/00, F23B70/00, F23C6/00, F23K3/00, F23N, F23R

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C10B53/04

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C10B21/00, C10B39/00, C10B41/00, C10B47/00, C10  
B49/00, C10B51111111 7/0



		F02C1/05, F24C9/00, F24D101/40, F24J2/00, F24S
2.2.2		
2.2.2.1		∴ H01G9/20, H01M14/00
2.2.2.2		∴ H01L51/42, H10K30/00, H10K39/10
2.2.2.3		∴ H01L31/0248
2.2.2.4	、 、	∴ E04D13/18, H01L31/02, H01L31/04
2.2.2.5		∴ H02S
2.2.3		∴ F03G6/00
2.3		
2.3.1		∴ F03D, H02P101/15
2.3.2		∴ F04B17/02
2.4		
2.4.1	波	
2.4.1.1	波	∴ F03B13/12
2.4.1.2	波	∴ E02B9/08
2.4.2	( OTEC )	∴ F03G7/05
2.5		
2.5.1		∴ F24J3/08, F24T
2.5.2		∴ F03G4/00
2.6		
2.6.1		∴ C01B3/00 ∴ B01J27/24, C12P3/00, C25B1/00, C25B9/00, C25B15/00
2.6.2		
2.6.2.1		∴

F17C

2.6.2.2

- 3.2.1            备                            :  
   F24H7/00, F28D20/00
- 3.2.2    :  
   C09K5/00, F22B1/06
- 3.3
- 3.3.1    :  
   H01M2/00, H01M4/00, H01M10/00, H01M50/00
- 3.3.2    :  
   H01G11/00
- 3.3.3    :  
   B60K1/04, B60K6/28, B60L50/40, B60L50/50, B60L5  
   8/00, B60R16/033, B60R16/04, B60W10/26
- 4
- 4.1    K

4.3		
4.3.1		: F21K9/00, F21Y115/00, H05B33/00, H05B45/00 : F21S2/00, F21S4/00, F21S6/00, F21S8/00, F21S9/00, F21S10/00, F21S11/00, F21S13/00, F21S15/00, F21S19/00, F21V, F21Y, H01L33/00, H05B35/00, H05B47/00
4.3.2		: F15B9/03, F15B9/17, F15B21/08, F16D27/00, F16D28/00, F16D48/06, H04W52/02
4.3.3		: G01R31/00 (NOT G01R31/01, G01R31/24, G01R31/26, G01R31/34, G01R31/44), G05B19/02, G06Q50/06, H02J3/00, H02J4/00, H02J5/00, H02J13/00; H02B, H02J, H02M; H02J1/00, H02J7/35
4.4		
4.4.1		: B05B1/02, B05B1/26, B05B1/28, B05B1/30, B05B1/34, B05B3/00, E02B11/00, E02B13/00
4.4.2		: B05B1/02, B05B1/14, B05B1/26, B05B1/28, B05B1/30, B05B1/34, E03D1/12, E03D1/14
4.4.3	,	: F16K21/02, F16K21/04, F16K23/00, F16K31/18, F16K37/00
5	捕	
5.1	CO <sub>2</sub> 捕	
5.1.1	捕	
5.1.1.1		: B01D53/02, B01J20/00
5.1.1.2		: B01D53/14
5.1.1.3	/	: F25J3/00
5.1.1.4		: B01D53/34 (NOT: B01D53/84)

5.1.1.5	捕	： B01D53/84
5.1.1.6	捕	： B01D53/22, B01D53/24, B01D53/26, B01D53/30, B01D53/32, C12M1/00; C01B31/20, C01B31/22, C01B32/50, C01B32/55
5.1.2		
5.1.2.1	CO <sub>2</sub>	： C01B31/22, C01B32/55, C07C1/12, C07C273/04, C07C51/15, C07C68/04 ： B29, C01B32/60, C07C263/04, C07C265/00, C07C269/04, C07C271/00, C07C69/96, C07D317/34, C08, C10B53/07, C25B3/04, C25B3/26
5.1.2.2		： B28B11/24, C04
5.1.2.3		： C07C29/151, C07C29/153, C07C29/154
5.1.2.4		： A23L, C12C, C12F3/00, C12G3/00
5.1.2.5		： A62C13/00, A62D1/00
5.1.2.6		： F25B, F25D3/12, F25J1/00
5.1.3		
5.1.3.1		： B65G5/00, E21B41/00, E21B43/00, E21F15/08, E21F17/16
5.1.3.2		： F17C1/00, F17C3/00
5.1.3.3		： G01M, G01N
5.1.3.4		： C01B31/20, C01B31/22, C01B32/50, C01B32/55
5.2		
5.2.1		： B01D15/00, B01D46/00, B01D53/00, B01J20/00, G01N30/00
5.2.2		： B01D15/00, B01D46/00, B01D53/00, B01J20/00, G01

N30/00

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5.2.3

B01D15/00, B01D46/00, B01D53/00, B01J20/00, G01  
N30/00

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6.1.1

F01K5/00, F02B41/10, F02M26/00, F24D1/04

6.2

6

1J25/00, B01J27/00, B01J29/00, B01J31/00, C01B3  
7/00, C01B39/00, C08F4/00, C09C1/00, C09C3/00, C  
09K3/22, (C09K23/00 NOT C09K23/50)

7.1.2

8.2		
8.2.1	(包)	： A62D3/00, B08B15/00, B08B17/00, G21F9/00
8.2.2		： B01D45/00, B01D46/00, B01D47/00, B01D49/00, B01D50/00, B01D53/00, B03C1/00, B03C3/00, B60W20/16, C01B17/60, C21B5/06, C21B7/22, E21F5/00, F01N3/00, F02B75/10, F23G7/06
8.2.3	(包)	： A61L11/00, B09B1/00, B09B3/00, B09B5/00, B65B55/24, C04B7/14, C04B7/24, C04B18/00, C05F1/00, C05F3/00, C05F5/00, C05F7/00, C05F9/00, C05F15/00, C09K11/01, C10G1/10, C10G17/10, C10G19/08, C10G25/12, C11B13/00, C11D19/00, C14C3/32, C22B7/00, C22B19/30, C22B25/06, E01H1/00, H01B15/00
8.2.4		： A01G11/00, B09C, E02D3/00, F23G7/14
8.2.5		： C02F
9		
9.1		
9.1.1		： B60L8/00, B60L9/00, B60L11/00, B60L15/00, B60L50
9.1.2	安	： B60K1/00 NOT B60K1/04, B60K6/00 NOT (B60K6/28 OR B60K6/30), B60K11/00, B60K16/00, B60K17/00
9.1.3		： H02K1, H02K3, H02K9, H02K16, H02K17, H02K19, H02K21, H02K25, H02K29/06
9.1.4		： B60W10/00 NOT B60W10/26, B60W20/00 NOT B60W20/16
9.2	、	
9.2.1	、	： B60L53, B60S5/02, B60S5/06, F17C, H02J7
9.3		
9.3.1		：

	( 氨 )	F02B, F02D, F02M
9.4		
9.4.1		: B61D, B61F3/14, B61H9/06, B61L
9.4.2	船	: B63B1/16, B63B1/34, B63B1/40, B63B3/24, B63H8/40, B63H9, B63H11/103, B63H13, B63H19/02-04, B63H19/06, B63H21/18
9.4.3		: B64C27/30, B64D27/22, B64D27/24
10	/	
10.1		: A01C23/04, A01G25/00, A01G27/00, A01G29/00, E02B13/00
10.2		: A01M1/00, A01M3/00, A01M5/00, A01M7/00, A01M9/00, A01M11/00, A01M13/00, A01M15/00, A01M17/00, A01M19/00, A01N25/32, A01N63/00, A01N65/00
10.3		: (C05G3/00 NOT C05G3/02), (C05G3/00 NOT C05G3/60), C09K17/00
11		
11.1		: C09D7/00, E04B1/76, E04B1/88, E04D13/16, E04F13/075, E04F15/18, E06B1/00, E06B3/00, E06B5/00, F24F
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12.1	、 (HOV)、 办	: H04L29/00, H04L67/00, G06Q, G07C1/00, G08G
12.2		: G06Q30/00, G06Q40/00, G06Q50/00
12.3	、	: E04B1/00, E04H1/00, E04H3/00

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E02D17/20, E02D19/06 ( OR COAL) (2N) ( OR PDY=[2016 TO 2025] AND (IPCM-LOW=(E02D17/20  
OR OR EXCAVAT\* OR OR E02D19/06) AND TIABC=(( OR COAL) (2N)  
MINE OR MINING OR ( OR OR OR EXCAVAT\* OR MINE OR  
PRODUCTING) MINING OR PRODUCTING)))

E21C41/16, E21F15/00, ( OR COAL) AND ((( PDY=[2016 TO 2025] AND (IPCM-LOW=(E21C41/16  
E21F17/00 OR WATER) (2N) PRESERV\*) OR E21F15/00 OR E21F17/00) AND TIABC=((  
OR 保 OR OR COAL) AND ((( OR WATER) (2N) PRESERV\*)  
WATER-PRESERVED OR OR 保 OR WATER-PRESERVED OR  
AQUIFER-PROTECTIVE OR AQUIFER-PROTECTIVE OR (AQUIFER (2N)  
(AQUIFER (2N) PROTECT\*)) PROTECT\*)))))

1.1.1.2

E21C41/18, E21C41/28, PDY=[2016 TO 2025] AND IPCM-LOW=(E21C41/18  
E21C47/02 OR E21C41/28 OR E21C47/02)

1.1.1.3

B01D21/01, C02F1/48, C ( OR COAL) (2N) ( OR PDY=[2016 TO 2025] AND (IPCM-LOW=(B01D21/01  
02F1/52, C02F9/00 OR OR EXCAVAT\* OR OR C02F1/48 ~~OR~~\*802F1/52 OR ~~C02F9/00~~) (AND  
MINE OR MINING OR TIABC=(( ~~OR COAL~~) (2N) ( ~~OR~~ \_\_\_\_\_  
PRODUCTING)

	E21C41/16	( OR COAL) (S) ( OR GAS OR GASIFICATION OR GASIFYING OR GASIFIED)	PDY=[2016 TO 2025] AND (IPCM-LOW=E21C41/16 AND TIABC=(( OR COAL) (S) ( OR GAS OR GASIFICATION OR GASIFYING OR GASIFIED)))
1. 1. 1. 5	E21B43/24, E21F15/00	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(E21B43/24 OR E21F15/00) AND TIABC=( OR COAL))
1. 1. 1. 6	E21B21/08, E21B44/00, E21F17/18	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(E21B21/08 OR E21B44/00 OR E21F17/18) AND TIABC=( OR COAL))
1. 1. 1. 7	B03, B07B, B07C5/00	( OR COAL) AND ( OR OR OR CONTROL* OR INTELLIGENT*)	PDY=[2016 TO 2025] AND (IPCM-LOW=(B03 OR B07B OR B07C5/00) AND TIABC=(( OR COAL) AND ( OR OR OR CONTROL* OR INTELLIGENT*)))
	B03B13/00, B07B13/04	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(B03B13/00 OR B07B13/04) AND TIABC=( OR COAL))
1. 1. 1. 8	泵 F24D3/18, F24D12/02, F24H4/00, F25B30/06	( OR COAL) (2N) ( OR OR OR EXCAVAT* OR MINE OR MINING OR PRODUCTING)	PDY=[2016 TO 2025] AND (IPCM-LOW=(F24D3/18 OR F24D12/02 OR F24H4/00 OR F25B30/06) AND TIABC=(( OR COAL) (2N) ( OR OR OR EXCAVAT* OR MINE OR MINING OR PRODUCTING)))
1. 1. 1. 9	备 E21B43/12, E21B43/16, E21B43/25, E21C25/00, E21C27/00, E21C29/00, E21C31/00, E21C35/00, E21C37/00, E21C39/00, E21F1/00, E21F13/00, E21F17/00	(( OR COAL) (2N) ( OR OR OR EXCAVAT* OR MINE OR MINING OR PRODUCTING)) AND ( OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR	PDY=[2016 TO 2025] AND (IPCM-LOW=(E21B43/12 OR E21B43/16 OR E21B43/25 OR E21C25/00 OR E21C27/00 OR E21C29/00 OR E21C31/00 OR E21C35/00 OR E21C37/00 OR E21C39/00 OR E21F1/00 OR E21F13/00 OR E21F17/00) AND TIABC(((( OR COAL) (2N) ( OR OR OR EXCAVAT* OR MINE OR MINING OR PRODUCTING)) AND ( OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR



		POLYGENERATION	OR OR OR OR COGENERATION OR POLYGENERATION))
1.1.2.4	H02J3/38	OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON)	PDY=[2016 TO 2025] AND (IPCM-LOW=H02J3/38 AND TIABC=( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON)))
1.1.3			
1.1.3.1 备	F23K1/00	OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON)	PDY=[2016 TO 2025] AND (IPCM-LOW=F23K1/00 AND TIABC=( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON)))
	C10J3/00, C10L5/02, C10L9/00, C10L10/00	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(C10J3/00 OR C10L5/02 OR C10L9/00 OR C10L10/00) AND TIABC=( OR COAL))
1.1.3.2	F02B45/02		PDY=[2016 TO 2025] AND IPCM-LOW=F02B45/02

	F23D14/26, F23D14/32, F23D14/58, F23D14/66, F23D23/00, F23L7/00, F23L15/00, F23R3/28, F24V30/00, F27B1/26, F27B1/28, F27B3/28, F27B5/18, F27B7/42, F27B9/40, F27B13/14, F27B14/20, F27D19/00, F27D21/00	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(F23D14/26 OR F23D14/32 OR F23D14/58 OR F23D14/66 OR F23D23/00 OR F23L7/00 OR F23L15/00 OR F23R3/28 OR F24V30/00 OR F27B1/26 OR F27B1/28 OR F27B3/28 OR F27B5/18 OR F27B7/42 OR F27B9/40 OR F27B13/14 OR F27B14/20 OR F27D19/00 OR F27D21/00) AND TIABC=( OR COAL))
	F23B10/00, F23B70/00, F23C6/00, F23K3/00, F23N, F23R	NOT: OR OR OR OR OR OR OR STRAW OR BIOMASS OR (SOLID (1W) WASTE) OR GARBAGE OR REFUSE OR RUBBISH	PDY=[2016 TO 2025] AND (IPCM-LOW=(F23B10/00 OR F23B70/00 OR F23C6/00 OR F23K3/00 OR F23N OR F23R) AND TIABC=(NOT: OR OR OR OR OR OR OR STRAW OR BIOMASS OR (SOLID (1W) WASTE) OR GARBAGE OR REFUSE OR RUBBISH))
1. 1. 3. 3	C10B53/04		PDY=[2016 TO 2025] AND IPCM-LOW=C10B53/04
	C10B21/00, C10B39/00, C10B41/00, C10B47/00, C10B49/00, C10B55/00, C10B57/00	( OR COAL) AND ( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON))	PDY=[2016 TO 2025] AND (IPCM-LOW=(C10B21/00 OR C10B39/00 OR C10B41/00 OR C10B47/00 OR C10B49/00 OR C10B55/00 OR C10B57/00) AND TIABC=(( OR COAL) AND ( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON))))

1. 1. 3. 4	B01D53/00, F23J15/02	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(B01D53/00 OR F23J15/02) AND TIABC=( OR COAL))
	C21C5/38	OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ( (LOW* OR REDUC*) (2N) CARBON)	PDY=[2016 TO 2025] AND (IPCM-LOW=C21C5/38 AND TIABC=( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON)))
1. 1. 3. 5	C21B13/00, C22B1/16, C22B15/02, C22B15/04, C22B15/06, F23C9/00, F23C99/00, F25B27/02, F25B29/00	OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ( (LOW* OR REDUC*) (2N) CARBON)	PDY=[2016 TO 2025] AND (IPCM-LOW=(C21B13/00 OR C22B1/16 OR C22B15/02 OR C22B15/04 OR C22B15/06 OR F23C9/00 OR F23C99/00 OR F25B27/02 OR F25B29/00) AND TIABC=( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((LOW* OR REDUC*) (2N) CARBON)))
1. 1. 4 ( , )			
1. 1. 4. 1	C10L1/00	( OR COAL) AND ( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR	PDY=[2016 TO 2025] AND (IPCM-LOW=C10L1/00 AND TIABC=(( OR COAL) AND ( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((DECREAS* OR LOW*

		SUBSTITUT* OR ALTERNATIVE OR GREEN OR (DECREAS* OR LOW* OR REDUC*) (2N) CARBON))	OR REDUC*) (2N) CARBON)))))	
1. 1. 4. 2 , , )	(包 )	C07C2/06, C07C2/40, C0 7C2/44, C07C2/54, C07C 2/74, C07C11/02, C07C1 1/12, C07C11/21, C07C1 5/00, C07C25/00, C07C3 1/04, C10G1/00, C10G45 /00, C10G47/00, C10G49 /00, C10G65/00, C10G67 /00, C10G69/00	OR COAL	PDY=[2016 TO 2025] AND (IPCM-LOW=(C07C2/06 OR C07C2/40 OR C07C2/44 OR C07C2/54 OR C07C2/74 OR C07C11/02 OR C07C11/12 OR C07C11/21 OR C07C15/00 OR C07C25/00 OR C07C31/04 OR C10G1/00 OR C10G45/00 OR C10G47/00 OR C10G49/00 OR C10G65/00 OR C10G67/00 OR C10G69/00) AND TIABC=( OR COAL))
		C07C	( OR COAL) AND ( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR (DECREAS* OR LOW* OR REDUC*) (2N) CARBON))	PDY=[2016 TO 2025] AND (IPCM-LOW=C07C AND TIABC=(( OR COAL) AND ( OR OR OR OR OR OR OR SAV* OR ENERGY OR ECONOMIZ* OR RETRENCH* OR RECYCL* OR CLEAN* OR SUBSTITUT* OR ALTERNATIVE OR GREEN OR ((DECREAS* OR LOW* OR REDUC*) (2N) CARBON)))))

1. 1. 4. 3

C10B, C10J3/00, C10L3/  
00

( OR COAL) AND ( OR OR OR OR OR OR OR OR SAV\* OR ENERGY OR ECONOMIZ\* OR RETRENCH\* OR RECYCL\* OR CLEAN\* OR SUBSTITUT\* OR ALTERNATIVE OR GREEN OR ((DECREAS\* OR LOW\* OR REDUC\*) (2N) CARBON))

PDY=[2016 TO 2025] AND (IPCM-LOW=(C10B OR C10J3/00 OR C10L3/00) AND TIABC=(( OR COAL) AND ( OR OR OR OR OR OR OR OR SAV\* OR ENERGY OR ECONOMIZ\* OR RETRENCH\* OR RECYCL\* OR CLEAN\* OR SUBSTITUT\* OR ALTERNATIVE OR GREEN OR ((DECREAS\* OR LOW\* OR REDUC\*) (2N) CARBON))))

1. 2

1. 2. 1

1. 2. 1. 1

E21B43/12, E21B43/16,  
E21B43/25, E21B43/34

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		CRUDE) OR OIL OR OR ( and ( or or )) ) AND ("CO2" OR OR (CARBON DIOXIDE))	OIL OR (SHALE (2N) OIL) OR ( and ( or or )) ) AND ("CO2" OR OR (CARBON DIOXIDE)))
	E21B43/22	"CO2" OR OR (CARBON DIOXIDE)	PDY=[2016 TO 2025] AND (IPCM-LOW=E21B43/22 AND TIABC=("CO2" OR OR (CARBON DIOXIDE)))
1. 2. 1. 3	E21F7/00	OR OR OR OR OR PETROLEUM OR PETRO CRUDE OR OIL OR (SHALE (1N) OIL)	PDY=[2016 TO 2025] AND (IPCM-LOW=E21F7/00 AND TIABC=( OR OR OR OR OR PETROLEUM OR PETRO CRUDE OR OIL OR (SHALE (2N) OIL)))
1. 2. 1. 4	E21B43/00	OR OR CONTROL*	PDY=[2016 TO 2025] AND (IPC-LOW=E21B43/00 AND TIABC=( OR OR OR OR OR PETROLEUM OR PETRO CRUDE OR OIL OR (SHALE (2N) OIL)) AND TIAB=( OR OR OR DETECT* OR CONTROL* ))
	E21B43/00	OR OR OR OR OR PETROLEUM OR PETRO CRUDE OR OIL OR (SHALE (1N) OIL)	

1. 2. 1. 5

E21B

( OR OR  
OR OR OR  
PETRO LUM OR PETRO CRUDE  
OR O OR (SH LLE (1N)  
( ) (3N) ( OR  
MINING OR  
DRIV\* OR D PLAC\*) AND  
( OR OR  
OR OR OR  
OR OR AV\* OR  
ENERGY OR OR  
RETRENCH\* RECYCL  
CLEAN\* OR BSTITUT\*  
ALTERNATIV OR GREE

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1. 2. 2. 3

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)

C10G11/05, C10G11/14

PDY=[2016 TO 2025] AND IPCM-LOW=(C10G11/05  
OR C10G11/14)

C07C7/04, C07C11/02, F  
25J3/02

OR PETROLEUM OR  
OR CRUDE OR OIL

PDY=[2016 TO 2025] AND (IPCM-LOW=(C07C7/04  
OR C07C11/02 OR F25J3/02) AND TIABC=( OR  
PETROLEUM OR OR CRUDE OR OIL))

C10

OR OR OR  
OR OR OR  
OR SAV\* OR ENERGY OR  
ECONOMIZ\* OR RETRENCH\*  
OR RECYCL\* OR CLEAN\* OR  
SUBSTITUT\* OR  
ALTERNATIVE OR GREEN OR  
(LOW\* OR REDUC\*) (2N)  
CARBON)

PDY=[2016 TO 2025] AND (IPCM-LOW=C10 AND  
TIABC=( OR OR OR OR  
OR OR OR SAV\* OR ENERGY OR  
ECONOMIZ\* OR RETRENCH\* OR RECYCL\* OR CLEAN\*  
OR



2. 1. 1. 2	E02B9/00 (NOT: E02B9/08)		PDY=[2016 TO 2025] AND (IPCM-LOW=(E02B9/00 NOT E02B9/08))
2. 1. 2	F03B7/00, F03B17/02 (NOT: F03B17/04), F03B17/06		PDY=[2016 TO 2025] AND (IPCM-LOW=(F03B7/00 OR (F03B17/02 NOT F03B17/04) OR F03B17/06))
<b>2. 2</b>			
2. 2. 1	F02C1/05, F24C9/00, F24D101/40, F24J2/00, F24S		PDY=[2016 TO 2025] AND (IPCM-LOW=(F02C1/05 OR F24C9/00 OR F24D101/40 OR F24J2/00 OR F24S))
2. 2. 2			
2. 2. 2. 1	H01G9/20, H01M14/00	OR OR OR SOLAR OR PHOTOVOLTAIC OR DYE-SENSITIZED	PDY=[2016 TO 2025] AND (IPCM-LOW=(H01G9/20 OR H01M14/00) AND TIABC=( OR OR OR SOLAR OR PHOTOVOLTAIC OR DYE-SENSITIZED))
2. 2. 2. 2	H01L51/42, H10K30/00, H10K39/10		PDY=[2016 TO 2025] AND IPCM-LOW=(H01L51/42 OR H10K30/00 OR H10K39/10)
2. 2. 2. 3	H01L31/0248		PDY=[2016 TO 2025] AND IPCM-LOW=(H01L31/0248)
2. 2. 2. 4	、 E04D13/18, H01L31/02, H01L31/04		PDY=[2016 TO 2025] AND IPCM-LOW=(E04D13/18 OR H01L31/02 OR H01L31/04)
2. 2. 2. 5	H02S		PDY=[2016 TO 2025] AND (IPCM-LOW=(H02S))
2. 2. 3	F03D67002		PDY=[2016 TO 2025] AND (IPCM-LOW=(F03G6/00))
<b>2. 3</b>			

**2.4**

2.4.1

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2.4.1.1

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F03B13/12

PDY=[2016 TO 2025] AND  
(IPCM-LOW=(F03B13/12))

2.4.1.2

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E02B9/08

PDY=[2016 TO 2025] AND  
(IPCM-LOW=(E02B9/08))

2.4.2

( OTEC )

F03G7/05

PDY=[2016 TO 2025] AND  
(IPCM-LOW=(F03G7/05))

**2.5**

2.5.1

F24J3/08, F24T

PDY=[2016 TO 2025] AND (IPCM-LOW=(F24J3/08  
OR F24T))

2.5.2

F03G4/00

PDY=[2016 TO 2025] AND  
(IPCM-LOW=(F03G4/00))

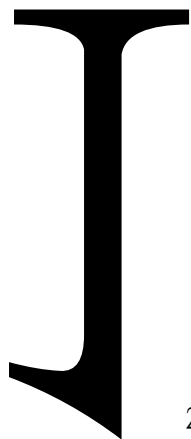
**2.6**

2.6.1

B01J27/24, C12P3/00, C  
25B1/00, C25B9/00, C25  
B15/00

OR HYDROGEN OR "H2"

PDY=[2016 TO 2025] AND (IPCM-LOW=(B01J27/24  
OR C12P3/00 OR C25B1/00 OR C25B9/00 OR  
C25B1-



	B01J20/00, C01B31/00, C01B32/00	OR (1W) ) OR HYDROGEN (3N) (STORAGE OR ABSORB*)	(IPCM-LOW=(F25B17/12)) PDY=[2016 TO 2025] AND (IPCM-LOW=(B01J20/00 OR C01B31/00 OR C01B32/00) AND TIABC=( OR (1W) ) OR HYDROGEN (3N) (STORAGE OR ABSORB*) ) )
2. 6. 2. 4	C08G18/00, C08G59/00, C08G77/00, C08K3/00, C 08K5/00, C08L63/00, C0 8L83/00, C08L101/00	OR (1W) ) OR HYDROGEN (3N) (STORAGE OR ABSORB*)	PDY=[2016 TO 2025] AND (IPCM-LOW=(C08G18/00 OR C08G59/00 OR C08G77/00 OR C08K3/00 OR C08K5/00 OR C08L63/00 OR C08L83/00 OR C08L101/00) AND TIABC=( OR (1W) ) OR HYDROGEN (3N) (STORAGE OR ABSORB*) ) )
2. 6. 3	H01M4/86, H01M8/00, H0 1M12/00	OR OR HYDROGEN OR PEMFC OR (PROTON EXCHANGE MEMBRANE) OR "H2"	PDY=[2016 TO 2025] AND (IPCM-LOW=(H01M4/86 OR H01M8/00 OR H01M12/00) AND TIABC=( OR OR HYDROGEN OR PEMFC OR (PROTON EXCHANGE MEMBRANE) OR "H2"))
2. 6. 4	F25J1/02		PDY=[2016 TO 2025] AND (IPCM-LOW=(F25J1/02))
<b>2. 7</b>			
2. 7. 1	C10G1/00 (NOT: C10G1/1 0), C10L1/02, C10L3/00 (NOT: C10L3/02, C10L3/ 04, C10L3/06, C10L3/10 , C10L3/12), C10L5/40, C12P7/06		PDY=[2016 TO 2025] AND (IPCM-LOW=(C10G1/00 OR C10L1/02 OR C10L3/00 OR C10L5/40 OR C12P7/06) NOT IPCM-LOW=(C10G1/10 OR C10L3/02 OR C10L3/04 OR C10L3/06 OR C10L3/10 OR C10L3/12))
2. 7. 2	C02F11/04, C12M1/107		PDY=[2016 TO 2025] AND (IPCM-LOW=(C02F11/04 OR C12M1/107))
2. 7. 3 “ ^ ) 0			

<b>2.8</b>			
2.8.1	变	G21B	PDY=[2016 TO 2025] AND (IPCM-LOW=(G21B))
2.8.2	变	G21C	PDY=[2016 TO 2025] AND (IPCM-LOW=(G21C))
2.8.3		G21H, G21J3/00	PDY=[2016 TO 2025] AND (IPCM-LOW=(G21H OR G21J3/00))
2.8.4		G21D	PDY=[2016 TO 2025] AND (IPCM-LOW=(G21D))
3			
<b>3.1</b>			
3.1.1		F02C6/16, F04B41/02	PDY=[2016 TO 2025] AND (IPCM-LOW=(F02C6/16 OR F04B41/02))
3.1.2		B60K6/10, B60K6/12, B60K6/30, B60L50/30, H02J1/16, F03D9/12, F03G7/08, F16H33/02, H02J3/28, H02J3/30, H02J15/00, H02K7/02	PDY=[2016 TO 2025] AND (IPCM-LOW=(B60K6/10 OR B60K6/12 OR B60K6/30 OR B60L50/30 OR H02J1/16 OR F03D9/12 OR F03G7/08 OR F16H33/02 OR H02J3/28 OR H02J3/30 OR H02J15/00 OR H02K7/02))
<b>3.2</b>			
3.2.1	备	F24H7/00, F28D20/00	PDY=[2016 TO 2025] AND (IPCM-LOW=(F24H7/00 OR F28D20/00))
3.2.2		C09K5/00, F22B1/06	PDY=[2016 TO 2025] AND (IPCM-LOW=(C09K5/00 OR F22B1/06))
<b>3.3</b>			
3.3.1		H01M2/00, H01M4/00, H01M10/00, H01M50/00	PDY=[2016 TO 2025] AND (IPCM-LOW=(H01M2/00 OR H01M4/00 OR H01M10/00 OR H01M50/00))
3.3.2		H01G11/00	PDY=[2016 TO 2025] AND (IPCM-LOW=(H01G11/00))

3. 3. 3	B60K1/04, B60K6/28, B60L50/40, B60L50/50, B60L58/00, B60R16/033, B60R16/04, B60W10/26		PDY=[2016 TO 2025] AND (IPCM-LOW=(B60K1/04 OR B60K6/28 OR B60L50/40 OR B60L50/50 OR B60L58/00 OR B60R16/033 OR B60R16/04 OR B60W10/26))
4			
<b>4. 1</b>			
4. 1. 1	F02D17/00		PDY=[2016 TO 2025] AND IPCM-LOW=F02D17/00
4. 1. 2	F02B43/00		PDY=[2016 TO 2025] AND IPCM-LOW=F02B43/00
4. 1. 3	F02C9/32, F02C9/36, F02C9/38		PDY=[2016 TO 2025] AND IPCM-LOW=(F02C9/32 OR F02C9/36 OR F02C9/38)
4. 1. 4	F02D43/00		PDY=[2016 TO 2025] AND IPCM-LOW=F02D43/00
4. 1. 5	F02M33/02		PDY=[2016 TO 2025] AND IPCM-LOW=F02M33/02
4. 1. 6	F02D41/00		PDY=[2016 TO 2025] AND IPCM-LOW=F02D41/00
<b>4. 2</b>			
4. 2. 1	F02B69/04, F02C3/22, F02C3/28, F02M21/00, F23D14/02, F23D14/20, F23D14/28, F23D14/32, F23D14/34, F23D14/60, F23Q2/16, F23Q7/10, F23R3/00, F24C3/00		PDY=[2016 TO 2025] AND IPCM-LOW=(F02B69/04 OR F02C3/22 OR F02C3/28 OR F02M21/00 OR F23D14/02 OR F23D14/20 OR F23D14/28 OR F23D14/32 OR F23D14/34 OR F23D14/60 OR F23Q2/16 OR F23Q7/10 OR F23R3/00 OR F24C3/00)
4. 2. 2	F02B1/00, F02B11/00, F02B13/02, F02B13/06		PDY=[2016 TO 2025] AND IPCM-LOW=(F02B1/00 OR F02B11/00 OR F02B13/02 OR F02B13/06)
4. 2. 3	F02B3/00, F02B7/00, F02B9/00, F02B23/10, F02B51/00, F02B57/02, F02D19/00, F02D21/00, F02M13/08, F23D14/22, F23		PDY=[2016 TO 2025] AND IPCM-LOW=(F02B3/00 OR F02B7/00 OR F02B9/00 OR F02B23/10 OR F02B51/00 OR F02B57/02 OR F02D19/00 OR F02D21/00 OR F02M13/08 OR F23D14/22 OR F23D17/00 OR F23G5/12 OR F23N5/18 OR

	D17/00, F23G5/12, F23N5/18, F23Q1/04		F23Q1/04)
4. 2. 4	F23D14/66		PDY=[2016 TO 2025] AND IPCM-LOW=F23D14/66
<b>4. 3</b>			
4. 3. 1	F21K9/00, F21Y115/00, H05B33/00, H05B45/00		PDY=[2016 TO 2025] AND IPCM-LOW=(F21K9/00 OR F21Y115/00 OR H05B33/00 OR H05B45/00)
	F21S2/00, F21S4/00, F21S6/00, F21S8/00, F21S9/00, F21S10/00, F21S11/00, F21S13/00, F21S15/00, F21S19/00, F21V, F21Y, H01L33/00, H05B35/00, H05B47/00	ELECTRO\$LUMINESCE* OR LED\$ OR OLED\$ OR EL\$ OR (LIGHT (1N) EMITTING (1N) DIODE) OR OR	PDY=[2016 TO 2025] AND (IPCM-LOW=(F21S2/00 OR F21S4/00 OR F21S6/00 OR F21S8/00 OR F21S9/00 OR F21S10/00 OR F21S11/00 OR F21S13/00 OR F21S15/00 OR F21S19/00 OR F21V OR F21Y OR H01L33/00 OR H05B35/00 OR H05B47/00) AND TIABC=(ELECTRO\$LUMINESCE* OR LED\$ OR OLED\$ OR EL\$ OR (LIGHT (2N) EMITTING (2N) DIODE) OR OR ))
4. 3. 2	F15B9/03, F15B9/17, F15B21/08, F16D27/00, F16D28/00, F16D48/06, H04W52/02		PDY=[2016 TO 2025] AND IPCM-LOW=(F15B9/03 OR F15B9/17 OR F15B21/08 OR F16D27/00 OR F16D28/00 OR F16D48/06 OR H04W52/02)
4. 3. 3	G01R31/00 (NOT G01R31/01, G01R31/24, G01R31/26, G01R31/34, G01R31/44), G05B19/02, G06Q50/06, H02J3/00, H02J4/00, H02J5/00, H02J13/00	OR (POWER GRID)	PDY=[2016 TO 2025] AND (IPCM-LOW=((G01R31/00 NOT G01R31/01 NOT G01R31/24 NOT G01R31/26 NOT G01R31/34 NOT G01R31/44) OR G05B19/02 OR G06Q50/06 OR H02J3/00 OR H02J4/00 OR H02J5/00 OR H02J13/00) AND TIABC=( OR (POWER GRID)))

H02B, H02J, H02M

02J,

		POWER) OR NETWORK*	
<b>4. 4</b>			
4. 4. 1	B05B1/02, B05B1/26, B05B1/28, B05B1/30, B05B1/34, B05B3/00, E02B11/00, E02B13/00	(WATER (1W) SUPPLY) OR (RECYCLE* (1W) WATER) OR (RECLAIMED (1W) WATER) OR (WATER (1W) SAVING) OR OR ( (2W) ) OR ( (2W) ) OR ( (2W) ) OR ( (2W) )	PDY=[2016 TO 2025] AND (IPCM-LOW=(B05B1/02 OR B05B1/26 OR B05B1/28 OR B05B1/30 OR B05B1/34 OR B05B3/00 OR E02B11/00 OR E02B13/00) AND TIABC=((WATER (2N) SUPPLY) OR (RECYCLE* (2N) WATER) OR (RECLAIMED (2N) WATER) OR (WATER (2N) SAVING) OR OR ( (2N) ) OR ( (2N) ) OR ( (2N) ) OR ( (2N) )))
4. 4. 2	B05B1/02, B05B1/14, B05B1/26, B05B1/28, B05B1/30, B05B1/34, E03D1/12, E03D1/14	(WATER (1N) SUPPLY) OR (RECYCLE* (1N) WATER) OR (RECLAIMED (1N) WATER) OR (WATER (1N) SAVING) OR OR ( (2N) ) OR ( (2N) ) OR ( (2N) ) OR ( (2N) )	PDY=[2016 TO 2025] AND (IPCM-LOW=(B05B1/02 OR B05B1/14 OR B05B1/26 OR B05B1/28 OR B05B1/30 OR B05B1/34 OR E03D1/12 OR E03D1/14) AND TIABC=((WATER (2N) SUPPLY) OR (RECYCLE* (2N) WATER) OR (RECLAIMED (2N) WATER) OR (WATER (2N) SAVING) OR OR ( (2N) ) OR ( (2N) ) OR ( (2N) ) OR ( (2N) )))
4. 4. 3 ,	F16K21/02, F16K21/04, F16K23/00, F16K31/18, F16K37/00	(WATER (1N) SAV*) OR THROTTLE OR RECYCLE* OR RECLAIM OR REUSE OR (WASTE (1N) WATER) OR (LIQUID (1N) WASTE) OR SEWAGE OR SEWERAGE OR SLOP OR SULLAGE) OR OR OR OR	PDY=[2016 TO 2025] AND (IPCM-LOW=(F16K21/02 OR F16K21/04 OR F16K23/00 OR F16K31/18 OR F16K37/00) AND TIABC=((WATER (2N) SAV*) OR THROTTLE OR RECYCLE* OR RECLAIM OR REUSE OR (WASTE (2N) WATER) OR (LIQUID (2N) WASTE) OR SEWAGE OR SEWERAGE OR SLOP OR SULLAGE OR OR OR OR OR OR OR OR ( (2N) ) OR

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5.1.1.6

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B01D53/22, B01D53/24,  
B01D53/26, B01D53/30,  
B01D53/32, C12M1/00

OR  
"CO2" OR (CARBON (1W)  
MONOXIDE) OR (CARBON  
(1W) DIOXIDE)

OR PDY=[2016 TO 2025] AND (IPCM-LOW=(B01D53/22  
OR B01D53/24 OR B01D53/26 OR B01D53/30 OR  
B01D53/32 OR C12M1/00) AND TIABC=(  
OR OR "CO2" OR (CARBON (1W)  
MONOXIDE) OR (CARBON (1W) DIOXIDE)))

C01B31/20, C01B31/22,  
C01B32/50, C01B32/55

捕 OR 捕 OR  
OR OR CAPTUR  
OR PURIFYING OR RECYCLE  
OR REGENERATION OR  
PURIFICATION

PDY=[2016 TO 2025] AND (IPCM-LOW=(C01B31/20  
OR C01B31/22 OR C01B32/50 OR C01B32/55) AND  
TIABC=(捕 OR 捕 OR OR OR  
OR CAPTUR OR PURIFYING OR RECYCLE OR  
REGENERATION OR PURIFICATION))

5.1.2

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(1W) DIOXIDE)

OR "CO2" OR (CARBON (1W) MONOXIDE) OR  
(CARBON (1W) DIOXIDE)))

5. 1. 2. 4

A23L, C12C, C12F3/00, C  
12G3/00

5. 1. 3. 3	G01M, G01N	( OR OR "CO2" OR (CARBON (1W) MONOXIDE) OR (CARBON (1W) DIOXIDE) ) AND ( OR OR OR SEQUESTRATION OR SEQUESTERING)	PDY=[2016 TO 2025] AND (IPCM-LOW=(G01M OR G02N) AND TIABC=( ( OR OR "CO2" OR (CARBON (1W) MONOXIDE) OR (CARBON (1W) DIOXIDE)) AND ( OR OR OR SEQUESTRATION OR SEQUESTERING)))
5. 1. 3. 4	C01B31/20, C01B31/22, C01B32/50, C01B32/55	OR OR OR SEQUESTRATION OR SEQUESTERING	PDY=[2016 TO 2025] AND (IPCM-LOW=(C01B31/20 OR C01B31/22 OR C01B32/50 OR C01B32/55) AND TIABC=( OR OR OR SEQUESTRATION OR SEQUESTERING))
<b>5. 2</b>			
5. 2. 1	B01D15/00, B01D46/00, B01D53/00, B01J20/00, G01N30/00	OR OR "CH4" OR FIREDAMP OR METHANE	PDY=[2016 TO 2025] AND (IPCM-LOW=( B01D46/00 OR B01D53/00 OR B01J20/00 OR G02N30/00) AND TIABC=( OR OR "CH4" OR FIREDAMP OR METHANE))
5. 2. 2	B01D15/00, B01D46/00, B01D53/00, B01J20/00, G01N30/00	OR OR "N2O" OR (NITROUS OXIDE)	PDY=[2016 TO 2025] AND (IPCM-LOW=( B01D46/00 OR B01D53/00 OR B01J20/00 OR G02N30/00) AND TIABC=( OR OR "N2O" OR (NITROUS OXIDE)))
5. 2. 3	B01D15/00, B01D46/00, B01D53/00, B01J20/00, G01N30/00	OR OR "SF6" OR HYDROFLUOROCARBONS OR PERFLUOROCARBONS OR (SULFUR HEXAFLUORIDE) OR (NITROGEN TRIFLUORIDE) OR "NF3"	PDF# [2016 TO 2025] AND (IPCM-LOW=( B01D46/00 OR B01D53/00 OR B01J20/00 OR G02N30/00) AND TIABC= OR OR



6. 3. 3	A23K10/26, A23K10/37, B62D67, C05D3/04, D01C5/00, D01F13/00, D01G15/72, D06B9/06, D06F43/08, D06L1/10, D21B1/08, D21B1/32, D21C5/02, D21C11/00, D21H13/08, D21H17/01, E01C19/10, F23G7/02, F23G7/10, F23G7/12, H01J9/50, H01J9/52, H01M8/008		PDY=[2016 TO 2025] AND IPCM-LOW=(A23K10/26 OR A23K10/37 OR B62D67 OR C05D3/04 OR D01C5/00 OR D01F13/00 OR D01G15/72 OR D06B9/06 OR D06F43/08 OR D06L1/10 OR D21B1/08 OR D21B1/32 OR D21C5/02 OR D21C11/00 OR D21H13/08 OR D21H17/01 OR E01C19/10 OR F23G7/02 OR F23G7/10 OR F23G7/12 OR H01J9/50 OR H01J9/52 OR H01M8/008)
6. 4			
6. 4. 1	B60L7/10, B60T1/10, D21F5/20, F01K17/02, F01K17/06, F01K27/02, F02C7/10, F02G5/00, F15B21/14, F16D61/00, F17C9/04, F22B1/16, F22B1/18, F22D1/40, F22G1/02, F22G1/12, F22G5/06, F23G5/46, F24F3/147, F24F12/00, F24H8/00, F27D17/00, F28C1/08		PDY=[2016 TO 2025] AND IPCM-LOW=(B60L7/10 OR B60T1/10 OR D21F5/20 OR F01K17/02 OR F01K17/06 OR F01K27/02 OR F02C7/10 OR F02G5/00 OR F15B21/14 OR F16D61/00 OR F17C9/04 OR F22B1/16 OR F22B1/18 OR F22D1/40 OR F22G1/02 OR F22G1/12 OR F22G5/06 OR F23G5/46 OR F24F3/147 OR F24F12/00 OR F24H8/00 OR F27D17/00 OR F28C1/08)
7			
7. 1			



4, C09J105/00, C09J193  
/00, C09J197/00, C09K2  
3/50

7. 2. 2

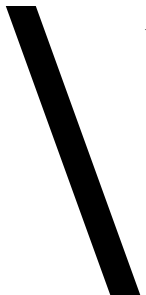
C08B15/00, C08K7/00, C (NANO\* (2N) CELLULOSE) PDY=[2016 TO 2025] AND  
08L1/00, (C08L101/00 OR CNF OR ( (2N)  
NOT C08L101/16), D21H )



	1N9, G01N11, G01N13, G01N15, G01N21, G01N22, G01N23, G01N24, G01N25, G01N27, G01N29, G01N30, G01N31, G01N33, G01N35	(5N) ) OR (WATER\$ (5N) DETECT*) OR (WATER\$ (5N) MONITOR*)	G01N5 OR G01N7 OR G01N9 OR G01N11 OR G01N13 OR G01N15 OR G01N21 OR G01N22 OR G01N23 OR G01N24 OR G01N25 OR G01N27 OR G01N29 OR G01N30 OR G01N31 OR G01N33 OR G01N35) AND TIABC=(( (5N) ) OR ( (5N) ) OR (WATER\$ (5N) DETECT*) OR (WATER\$ (5N) MONITOR*))
<b>8.2</b>			
8.2.1 (包 )	A62D3/00, B08B15/00, B08B17/00, G21F9/00		PDY=[2016 TO 2025] AND IPCM-LOW=(A62D3/00 OR B08B15/00 OR B08B17/00 OR G21F9/00)
8.2.2	B01D45/00, B01D46/00, B01D47/00, B01D49/00, B01D50/00, B01D53/00, B03C1/00, B03C3/00, B60W20/16, C01B17/60, C21B5/06, C21B7/22, E21F5/00, F01N3/00, F02B75/10, F23G7/06	NOT: ( OR OR "CO2" OR "CO" OR (CARBON MONOXIDE) OR (CARBON DIOXIDE) OR OR OR "CH4" OR FIREDAMP OR METHANE OR OR OR "N2O" OR (NITROUS OXIDE) OR OR OR OR "SF6" OR HYDROFLUOROCARBONS OR PERFLUOROCARBONS OR (SULFUR HEXAFLUORIDE) OR (NITROGEN TRIFLUORIDE) OR "NF3")	PDY=[2016 TO 2025] AND (IPCM-LOW=(B01D45/00 OR B01D46/00 OR B01D47/00 OR B01D49/00 OR B01D50/00 OR B01D53/00 OR B03C1/00 OR B03C3/00 OR B60W20/16 OR C01B17/60 OR C21B5/06 OR C21B7/22 OR E21F5/00 OR F01N3/00 OR F02B75/10 OR F23G7/06) NOT TIABC=( OR OR "CO2" OR "CO" OR (CARBON MONOXIDE) OR (CARBON DIOXIDE) OR OR OR "CH4" OR FIREDAMP OR METHANE OR OR OR "N2O" OR (NITROUS OXIDE) OR OR OR "SF6" OR HYDROFLUOROCARBONS OR PERFLUOROCARBONS OR (SULFUR HEXAFLUORIDE) OR (NITROGEN TRIFLUORIDE) OR "NF3"))



9.1.2



安 B60K1/00 NOT (ENVIRONMENT OR  
B60K1/04, B60K6/00 NOT ENVIRONMENTAL) AND  
(B60K6/28 OR (CONSERVATION OR  
B60K6/30), B60K11/00, PROTECT\*) OR SAVE OR  
B60K16/00, B60K17/00 ENERGY OR ECONOMIZ\* OR  
BENCH\* RECYCLE OR  
( OR

9. 3. 1 ( 氨 ) F02B, F02D, F02M ((HYDROGEN\* OR "H2" OR PDY=[2016 TO 2025] AND ((IPCM-LOW=(F02B OR ) (5N) (FUEL OR F02D OR F02M) AND TIABC=((HYDROGEN\* OR "H2" ), ((HYDROGEN\* OR "H2" OR ) (5N) (FUEL OR ))) ) OR ) (5N) (COMBUST\* OR ENGINE OR OR OR ))

9. 4

9. 4. 1 B61D, B61F3/14, B61H9/06, B61L ((SAV\* OR ECONOMIZ\* OR PDY=[2016 TO 2025] AND (IPCM-LOW=(B61D17/02 RETRENCH\* OR RECYCL\* OR OR B61F3/14 OR B61H9/06) OR (IPCM-LOW=(B61D CLEAN\* OR SUBSTITUT\* OR OR B61L) AND TIAB=( OR OR OR OR ALTERNATIVE) (4N) OR OR OR OR ((SAV\* OR (RESOURCE OR ENERGY)) OR ECONOMIZ\* OR RETRENCH\* OR RECYCL\* OR CLEAN\* GREEN OR ((LOW\* OR OR SUBSTITUT\* OR ALTERNATIVE) (4N) REDUC\*) (2N) CARBON) OR (RESOURCE OR ENERGY)) OR ~~ORBEN\*~~) G OR OR OR OR OR OR OR



A01G27/00, A01G29/00, (WATER AND EFFICIENT) OR OR A01G25/00 OR A01G27/00 OR A01G29/00 OR  
E02B13/00 OR ( (2N) ) E02B13/00) AND TIABC=((WATER AND SAV\*) OR  
OR ( (2N) ) (WATER AND EFFICIENT) OR OR ( (2N)  
 ) OR ( (2N) )))



		(REMOTE (1N) OFFICE) OR (REMOTE (1N) WORK) OR (HIGH (1N) OCCUPANCY (1N) VEHICLE (1N) LANE) OR (HIGH (1N) OCCUPANCY (1N) TOLLING) OR (HIGH (1N) OCCUPANCY (1N) TOLL (1N) LANE) OR (HOV (1N) LANE) OR (HOT (1N) LANE) OR (CAR (1N) POOL (1N) LANE) OR (CARPOOL (1N) LANE) OR 办 OR 办 OR 办 OR 办 OR OR OR HOV OR OR OR )	TIABC=(TELECOMMUTING OR TELEWORK OR TELEWORKING OR TELE-OFFICE OR (REMOTE (2N) OFFICE) OR (REMOTE (2N) WORK) OR (HIGH (2N) OCCUPANCY (2N) VEHICLE (2N) LANE) OR (HIGH (2N) OCCUPANCY (2N) TOLLING) OR (HIGH (2N) OCCUPANCY (2N) TOLL (2N) LANE) OR (HOV (2N) LANE) OR (HOT (2N) LANE) OR (CAR (2N) POOL (2N) LANE) OR (CARPOOL (2N) LANE) OR 办 OR 办 OR OR OR OR HOV OR OR OR ))
12.2	G06Q30/00, G06Q40/00, G06Q50/00	CARBON OR EMISSION* OR OR	PDY=[2016 TO 2025] AND (IPCM-LOW=(G06Q30/00 OR G06Q40/00 OR G06Q50/00) AND TIABC=(CARBON OR EMISSION* OR OR ))
12.3	E04B1/00, E04H1/00, E04H3/00	(GREEN OR LOW-CARBON OR (ENVIRONMENTALLY (1N) FRIENDLY) OR ECOLOGICAL OR ENERGY-SAVING OR (ENERGY (1N) SAVING) OR ECO-BUILDING OR (HIGH (1N) ENERGY (1N) EFFICIENCY) OR (WATER (1N) SAVING) OR (ENVIRONMENT (1N) PROTECTION) OR (ECOLOGICAL (1N)	PDY=[2016 TO 2025] AND (IPCM-LOW=(E04B1/00 OR E04H1/00 OR E04H3/00) AND TIABC=(GREEN OR LOW-CARBON OR (ENVIRONMENTALLY (2N) FRIENDLY) OR ECOLOGICAL OR ENERGY-SAVING OR (ENERGY (2N) SAVING) OR ECO-BUILDING OR (HIGH (2N) ENERGY (2N) EFFICIENCY) OR (WATER (2N) SAVING) OR (ENVIRONMENT (2N) PROTECTION) OR (ECOLOGICAL (2N) PROTECTION) OR (ENVIRONMENT (2N) CONSERVATION) OR

		PROTECTION) OR (ENVIRONMENT (1N) CONSERVATION) OR (ECOLOGICAL (1N) CONSERVATION) OR ECO-BUILDING OR ECO-CONSTRUCTION OR ECO-INFRASTRUCTURE OR ECO-ARCHITECTURE OR OR OR OR OR 保 OR )	(ECOLOGICAL (2N) CONSERVATION) OR ECO-BUILDING OR ECO-CONSTRUCTION OR ECO-INFRASTRUCTURE OR ECO-ARCHITECTURE OR OR OR OR OR OR OR 保 OR ))
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