

Title (en)
AIR RECTIFICATION PROCESS AND APPARATUS

Publication
EP 0384483 A3 19901107 (DE)

Application
EP 90103572 A 19900223

Priority
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Abstract (en)
[origin: EP0384483A2] A process and apparatus for air rectification are described. Nitrogen (16) taken off from the process is warmed to a medium temperature, partially passed out (30) of the main heat exchanger (17) and expanded (31) producing energy. The expanded gas (32) releases its cold in the main heat exchanger (17) to air (1) to be separated and is re-compressed (33, 36). <IMAGE>

IPC 1-7
F25J 3/04

IPC 8 full level
B01D 3/14 (2006.01); **F01K 25/10** (2006.01); **F25J 3/02** (2006.01); **F25J 3/04** (2006.01)

CPC (source: EP US)
F25J 3/0409 (2013.01 - EP US); **F25J 3/04206** (2013.01 - EP US); **F25J 3/0423** (2013.01 - US); **F25J 3/04315** (2013.01 - EP US); **F25J 3/04327** (2013.01 - US); **F25J 3/04351** (2013.01 - EP US); **F25J 3/04412** (2013.01 - EP US); **F25J 3/04678** (2013.01 - US); **F25J 3/04709** (2013.01 - US); **F25J 3/0486** (2013.01 - EP US); **F25J 2200/20** (2013.01 - EP US); **F25J 2230/42** (2013.01 - EP); **F25J 2230/52** (2013.01 - US); **F25J 2235/58** (2013.01 - US); **F25J 2245/02** (2013.01 - US); **F25J 2245/42** (2013.01 - EP US); **F25J 2250/40** (2013.01 - EP US); **F25J 2250/50** (2013.01 - EP US); **Y10S 62/924** (2013.01 - EP US)

Citation (search report)
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• [A] EP 0316768 A2 19890524 - LINDE AG [DE]
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US 5036672 A 19910806; AU 4996090 A 19900830; AU 618659 B2 19920102; CN 1025068 C 19940615; CN 1045173 A 19900905; DE 59000211 D1 19920827; EP 0383994 A2 19900829; EP 0383994 A3 19901107; EP 0384483 A2 19900829; EP 0384483 A3 19901107; EP 0384483 B1 19920722; JP H02245201 A 19901001

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