

Title (en)
ATMOSPHERIC VAPORIZER

Publication
EP 0057928 A3 19820901 (EN)

Application
EP 82100879 A 19820208

Priority
US 23311181 A 19810210

Abstract (en)
[origin: EP0057928A2] An atmospheric vaporizer suitable for vaporizing cryogenic liquids on a continuous basis at greatly improved operating efficiency characterized by a critical pass spacing ratio of from 1 to 5.

IPC 1-7
F17C 9/02; **F28F 1/14**

IPC 8 full level
B01D 1/00 (2006.01); **F17C 9/02** (2006.01); **F28F 1/14** (2006.01)

CPC (source: EP)
F17C 9/02 (2013.01); **F28F 1/14** (2013.01); **F17C 2201/0138** (2013.01); **F17C 2223/0161** (2013.01); **F17C 2227/0393** (2013.01); **F17C 2250/0636** (2013.01)

Citation (search report)

- [X] JP S4832064 Y1
- [A] FR 1239402 A 19600826 - THERMIQUES FIVES PENHOET SOC E
- [A] US 2322341 A 19430622 - BOOTH MORRIS F

Cited by
CN110631392A; CN112161194A

Designated contracting state (EPC)
AT BE CH DE FR GB LU NL SE

DOCDB simple family (publication)
EP 0057928 A2 19820818; **EP 0057928 A3 19820901**; **EP 0057928 B1 19850327**; **EP 0057928 B2 19911211**; AT E12424 T1 19850415; BR 8200676 A 19821214; CA 1160946 A 19840124; DE 3262739 D1 19850502; JP S57146999 A 19820910; JP S63166800 U 19881031; MX 157500 A 19881128

DOCDB simple family (application)
EP 82100879 A 19820208; AT 82100879 T 19820208; BR 8200676 A 19820208; CA 395206 A 19820129; DE 3262739 T 19820208; JP 16376287 U 19871028; JP 1829982 A 19820209; MX 19130382 A 19820209