

Title (en)

Pressure reduce module with oil separator

Title (de)

Druckminderungsmodul mit Ölabscheider

Title (fr)

Module de régulation de pression avec séparateur d'huile

Publication

EP 1801521 A3 20080213 (EN)

Application

EP 06126919 A 20061221

Priority

JP 2005372735 A 20051226

Abstract (en)

[origin: EP1801521A2] A pressure reducer module includes an oil separator configured to receive a lubricant and a refrigerant and to separate the lubricant from the refrigerant. The pressure reducer module also includes a pressure reducer connected to and termed integral with the oil separator. The pressure reducer is configured to receive the refrigerant from the oil separator and to reduce a pressure of the refrigerant.

IPC 8 full level

F25B 41/06 (2006.01)

CPC (source: EP US)

F25B 9/008 (2013.01 - EP US); **F25B 41/33** (2021.01 - EP US); **F25B 43/02** (2013.01 - EP US); **F25B 40/00** (2013.01 - EP US); **F25B 43/006** (2013.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2341/0683** (2013.01 - EP US); **F25B 2400/02** (2013.01 - EP US); **F25B 2500/18** (2013.01 - EP US)

Citation (search report)

- [X] US 5706666 A 19980113 - YAMANAKA YASUSHI [JP], et al
- [X] US 4341086 A 19820727 - ISHII HEIICHIRO
- [A] EP 1043550 A1 20001011 - ZEXEL CORP [JP]

Cited by

US10935027B2; WO2017182516A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1801521 A2 20070627; **EP 1801521 A3 20080213**; JP 2007170783 A 20070705; JP 4694365 B2 20110608; US 2007144206 A1 20070628

DOCDB simple family (application)

EP 06126919 A 20061221; JP 2005372735 A 20051226; US 61524706 A 20061222