

Title (en)

Heat exchanging and liquid separation apparatus

Title (de)

Wärmetauscher- und Flüssigkeitstrennungsvorrichtung

Title (fr)

Appareil d'échangeur thermique et de séparation de liquides

Publication

EP 2365269 A1 20110914 (EN)

Application

EP 10002157 A 20100303

Priority

EP 10002157 A 20100303

Abstract (en)

An apparatus for heat exchange and demisting of hot compressed gas is described that can be operated at high pressures and dirty gases at elevated pressures of approximately 70 bar to 80 bar.

IPC 8 full level

F28D 7/06 (2006.01); **F28F 9/00** (2006.01); **F28F 9/22** (2006.01); **F28F 17/00** (2006.01)

CPC (source: EP)

F28D 7/06 (2013.01); **F28F 9/005** (2013.01); **F28F 9/22** (2013.01); **F28F 17/005** (2013.01); **F28D 2021/0038** (2013.01); **F28F 2265/06** (2013.01)

Citation (applicant)

WO 2006065963 A2 20060622 - API HEAT TRANSFER INC [US], et al

Citation (search report)

- [X] US 6095238 A 20000801 - KAWANO SHUNJI [JP], et al
- [X] US 3965975 A 19760629 - EDMUNDSON CHARLES W
- [X] GB 1411472 A 19751029 - CLARKE CHAPMAN LTD
- [X] WO 9932837 A1 19990701 - EXXON PRODUCTION RESEARCH CO [US]
- [X] US 4843837 A 19890704 - OGAWA YASUO [JP], et al
- [X] WO 2009070129 A2 20090604 - EVROVARTRADE D O O [SI], et al

Citation (examination)

EP 2241848 A2 20101020 - TLV CO LTD [JP]

Cited by

EP3097971A1; CN106422531A; CN105436543A; US11486615B2; EP2908081A1; WO2014165183A3; US11371787B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

EP 2365269 A1 20110914; **EP 2365269 A8 20111228**; TW 201144736 A 20111216; WO 2011107841 A1 20110909

DOCDB simple family (application)

EP 10002157 A 20100303; IB 2011000268 W 20110211; TW 100106965 A 20110302