

Title (en)
HEAT EXCHANGER UNIT

Title (de)
WÄRMETAUSCHEREINHEIT

Title (fr)
UNITÉ ÉCHANGEUR DE CHALEUR

Publication
EP 2583043 A4 20141008 (EN)

Application
EP 10853078 A 20100618

Priority
CN 2010074060 W 20100618

Abstract (en)
[origin: WO2011156968A1] A heat exchanger unit comprises at least two heat exchangers (A, B, C, D) of the late fin type, the heat exchangers being identical and having substantially the same dimensions and having the form of a cuboid, the heat exchangers being linked to at least one single distribution conduit (E, F) and at least one single collection conduit (J, K), at least one first heat exchanger (A, C) being situated on one side relative to the axis of the single distribution conduit and at least one second heat exchanger (B, D) being situated on the other side relative to the axis of the single distribution conduit, a first face of the first heat exchanger being parallel to the nearest face of the second heat exchanger but offset in the direction of the axis of the single distribution conduit and each heat exchanger having a fluid connection conduit (1A, 1B, 1C, 1D) connected to the face proximate to the distribution conduit, the offset being such that the fluid connection conduits do not contact one another.

IPC 8 full level
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F25J 3/0489 (2013.01 - EP US); **F25J 5/002** (2013.01 - EP US); **F28D 9/0062** (2013.01 - EP US); **F28D 9/0093** (2013.01 - EP US); **F28F 9/0275** (2013.01 - EP US); **F28F 9/22** (2013.01 - US); **F25J 2210/40** (2013.01 - US); **F25J 2290/42** (2013.01 - EP); **F25J 2290/50** (2013.01 - EP)

Citation (search report)

- [IY] WO 2005065813 A1 20050721 - STATOIL ASA [NO], et al
- [Y] FR 2844040 A1 20040305 - AIR LIQUIDE [FR]
- [A] FR 1035169 A 19530818
- See references of WO 2011156968A1

Designated contracting state (EPC)
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WO 2011156968 A1 20111222; CN 102947663 A 20130227; CN 102947663 B 20160330; EP 2583043 A1 20130424; EP 2583043 A4 20141008; JP 2013528778 A 20130711; US 2013087314 A1 20130411

DOCDB simple family (application)
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