

Title (en)

Heat exchanger for phase converting coolant with horizontal distribution and collection pipe

Title (de)

Wärmeübertrager für phasenwechselndes Kältemittel mit horizontalem Verteiler- und Sammlerrohr

Title (fr)

Caloporteur pour un moyen de refroidissement à changement de phase doté d'un conduit de répartition et de collecte horizontal

Publication

EP 2392881 B1 20130102 (DE)

Application

EP 10164993 A 20100604

Priority

EP 10164993 A 20100604

Abstract (en)

[origin: EP2392881A1] The heat exchanger (1) has a horizontal distribution pipe (2), a horizontal collecting pipe (4) and an interposed refrigerant-carrying heat exchanging pipes (3). A refrigerant gas entrance is formed in the heat exchanging pipes in an upper area of a cross section of the distribution pipe. A refrigerant liquid outlet is formed in an upper area of a cross section of the collecting pipe for a condenser drive.

IPC 8 full level

F25B 39/00 (2006.01); **F28B 1/06** (2006.01); **F28B 9/02** (2006.01); **F28B 9/08** (2006.01)

CPC (source: EP US)

F25B 39/00 (2013.01 - EP US); **F25B 43/02** (2013.01 - US); **F28B 1/06** (2013.01 - EP US); **F28B 9/02** (2013.01 - EP US); **F28B 9/08** (2013.01 - EP US); **F28F 1/00** (2013.01 - US); **F25B 39/028** (2013.01 - EP US); **F25B 43/006** (2013.01 - US); **F25B 2400/02** (2013.01 - US); **F25B 2400/03** (2013.01 - US); **F25B 2400/23** (2013.01 - US); **F28D 1/0477** (2013.01 - EP US); **F28D 1/05341** (2013.01 - EP US)

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DOCDB simple family (publication)

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