

Title (en)
Heat exchanger block

Title (de)
Wärmetauscherblock

Title (fr)
Bloc échangeur de chaleur

Publication
EP 1757887 B1 20111012 (DE)

Application
EP 05018507 A 20050825

Priority
EP 05018507 A 20050825

Abstract (en)
[origin: EP1757887A1] The heat exchange block has two plates (1a, 1b) with grooves (2a, 2b) bounded by ribs (3a, 3b) forming flow channels (2) for a gas. On the outer surfaces (4a, 4b) of the plates, there are cavities (5a, 5b) bounded by a hood (6a, 6b) for the cooling fluid. There are seals (7a, 7b) sealing the gaps between the plate surfaces and the hood edges.

IPC 8 full level
F28F 3/04 (2006.01); **F28F 3/08** (2006.01); **F28F 21/02** (2006.01); **F28F 21/04** (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)
F28D 9/0031 (2013.01 - EP US); **F28F 3/048** (2013.01 - EP US); **F28F 3/083** (2013.01 - EP US); **F28F 21/02** (2013.01 - EP US);
F28F 21/04 (2013.01 - EP US); **F28F 2230/00** (2013.01 - EP US)

Cited by
ITMN20110009A1; FR2907539A1; WO2011117907A3; DE102008048014A1

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DOCDB simple family (publication)
EP 1757887 A1 20070228; **EP 1757887 B1 20111012**; AT E528605 T1 20111015; CA 2557037 A1 20070225; CA 2557037 C 20130723;
DK 1757887 T3 20120123; ES 2374818 T3 20120222; PL 1757887 T3 20120430; US 2007044947 A1 20070301; US 7549464 B2 20090623

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