

Title (en)
Heat exchanger

Title (de)
Wärmetauscher

Title (fr)
Echangeur de chaleur

Publication
EP 1643202 A1 20060405 (DE)

Application
EP 05021623 A 20051004

Priority
• DE 102004048569 A 20041004
• DE 102004056790 A 20041124

Abstract (en)
Heat exchanger comprises a longitudinal chamber (35) with a longitudinal chamber partner (39) delimited by a separating wall (51) with transfer openings are formed in a longitudinal section (54) lying opposite an inlet opening. Preferred Features: The longitudinal chamber partner is delimited by a separating wall having smaller transfer openings in the longitudinal section lying opposite the inlet opening than in the remaining region of the wall.

IPC 8 full level
F28F 9/02 (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP)
F28D 1/05391 (2013.01); **F28F 9/0204** (2013.01); **F28F 9/028** (2013.01); **F25B 39/02** (2013.01); **F28D 2021/0071** (2013.01)

Citation (applicant)
• EP 0947792 B1 20020731 - DENSO CORP [JP]
• DE 10312780 A1 20041125 - BEHR GMBH & CO KG [DE]

Citation (search report)
• [XA] EP 1298401 A2 20030402 - HALLA CLIMATE CONTROL CORP [KR]
• [XA] EP 0683373 A1 19951122 - SANDEN CORP [JP]
• [DA] EP 0947792 A2 19991006 - DENSO CORP [JP]
• [A] DE 4305060 A1 19940825 - BEHR GMBH & CO [DE]
• [A] US 2004159121 A1 20040819 - HORIUCHI HIROFUMI [JP], et al
• [PA] WO 2005052488 A1 20050609 - ZEXEL VALEO CLIMATE CONTR CORP [JP], et al

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EP2175223A4; EP2447657A3; DE102015210184A1; US10161686B2; WO2020123653A1; WO2015142615A1; US9546824B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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