

Title (en)
Condenser

Title (de)
Kondensator

Title (fr)
Condenseur

Publication
EP 1538407 B1 20070516 (DE)

Application
EP 04027603 A 20041120

Priority
DE 10357176 A 20031206

Abstract (en)
[origin: EP1538407A2] The device has parallel heat exchanger tubes (15) carrying a coolant flow in several stages (Stufe 1, Stufe 2), two collection tubes (3,5) divided by separating walls (7) to produce the stages and a collector (4) approximately parallel to the heat exchanger tubes. A transfer line (10) from one stage to the inlet or outlet opening of the collector extends transversely slightly over an adjacent stage. The other collector inlet or outlet opening is approximately at or near the end of the collector tube or to pas coolant into the adjacent stage.

IPC 8 full level
F25B 39/04 (2006.01); **F25B 43/00** (2006.01); **F28D 1/053** (2006.01); **F25B 40/02** (2006.01)

CPC (source: EP US)
F25B 39/04 (2013.01 - EP US); **F28D 1/05375** (2013.01 - EP US); **F25B 40/02** (2013.01 - EP US); **F25B 2339/0441** (2013.01 - EP US); **F25B 2339/0443** (2013.01 - EP US); **F28D 2021/0084** (2013.01 - EP US)

Cited by
EP3855095A1; WO2021148539A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1538407 A2 20050608; EP 1538407 A3 20051005; EP 1538407 B1 20070516; AT E362601 T1 20070615; AT E464518 T1 20100415; DE 10357176 A1 20050630; DE 502004003826 D1 20070628; DE 502004011057 D1 20100527; EP 1741998 A2 20070110; EP 1741998 A3 20070822; EP 1741998 B1 20100414; US 2005120739 A1 20050609; US 6971251 B2 20051206

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