

Title (en)
HEAT-EXCHANGER DEVICE

Title (de)
VORRICHTUNG ZUM AUSTAUSCH VON WÄRME

Title (fr)
SYSTEME D'ECHANGE DE CHALEUR

Publication
EP 1682838 A1 20060726 (DE)

Application
EP 04765239 A 20040915

Priority
• EP 2004010329 W 20040915
• DE 10349974 A 20031024

Abstract (en)
[origin: DE10349974A1] The device has at least one coolant feed and outlet, a number of throughflow devices in at least two essentially parallel planes and at least two collection and/or distribution devices on the end sections of the individual throughflow devices. The coolant flows in at least one first longitudinal section of the device essentially simultaneously through essentially all the throughflow devices in this section.

IPC 8 full level
F28D 1/053 (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP KR)
F28D 1/04 (2013.01 - KR); **F28D 1/053** (2013.01 - KR); **F28D 1/05375** (2013.01 - EP); **F28F 9/26** (2013.01 - KR); **F28F 9/262** (2013.01 - EP)

Citation (search report)
See references of WO 2005050115A1

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

DOCDB simple family (publication)
DE 10349974 A1 20050525; EP 1682838 A1 20060726; KR 20060107538 A 20061013; WO 2005050115 A1 20050602

DOCDB simple family (application)
DE 10349974 A 20031024; EP 04765239 A 20040915; EP 2004010329 W 20040915; KR 20067009917 A 20060522