

Title (en)
PLATE COOLER FOR FLUIDS

Title (de)
PLATTENKÜHLER FÜR FLÜSSIGKEITEN

Title (fr)
REFROIDISSEUR À PLAQUES POUR LIQUIDES

Publication
EP 2297539 B1 20190717 (DE)

Application
EP 09756943 A 20090515

Priority
• AT 2009000201 W 20090515
• AT 8912008 A 20080603

Abstract (en)
[origin: AT506309A4] The cooler has a distribution box (3) and a collection box (3') that are formed as aluminum extruded profiles. The boxes have a rib body and a through-channel forming a fluid channel. The rib body has lateral ribs including continuous guiding grooves for mounting connection elements and a receiving slot for an extruded profile plate body (1). The plate body opens out into a collection chamber via the receiving slot. The chamber is in connection with the fluid channel. The boxes are provided with inflow and discharge lines.

IPC 8 full level
F28F 9/02 (2006.01); **F28D 1/053** (2006.01); **F28F 1/16** (2006.01)

CPC (source: EP US)
F28D 1/05366 (2013.01 - EP US); **F28F 9/002** (2013.01 - EP US); **F28F 9/02** (2013.01 - EP US); **F28F 9/0246** (2013.01 - EP US); **F28F 21/084** (2013.01 - EP US); **F28D 2021/0049** (2013.01 - EP US); **F28F 27/02** (2013.01 - EP US); **F28F 2009/0292** (2013.01 - EP US); **F28F 2250/06** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US)

Citation (examination)
• US 2003085030 A1 20030508 - GOWAN JAMES D [US], et al
• FR 1551137 A 19681227

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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DOCDB simple family (application)
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