

Title (en)

Stacked plate cooler

Title (de)

Stapelscheibenkühler

Title (fr)

Dispositif de refroidissement à empilement de plaques

Publication

**EP 2267390 B2 20221214 (DE)**

Application

**EP 10164783 A 20100602**

Priority

DE 102009030095 A 20090622

Abstract (en)

[origin: EP2267390A2] The cooler has exchanger plates arranged above each other to form a stack. A base plate (3) is arranged at an end of the stack and includes a curved beading (4), which is positioned along a direction of the stack. The beading sectionally follows a contour of the stack and partially or completely encloses the contour. The base plate includes a fastening section (8) projecting above the contour for fixing the cooler at a structure. A discontinuation point of the beading is provided in a region of a fluid connection (5). A stiffening plate is soldered on the base plate.

IPC 8 full level

**F28D 9/00** (2006.01); **F28F 9/007** (2006.01)

CPC (source: EP)

**F28D 9/005** (2013.01); **F28F 9/0075** (2013.01); **F28F 2280/06** (2013.01)

Citation (opposition)

Opponent :

JP 2008144977 A 20080626 - MAHLE FILTER SYSTEMS JP CORP

Cited by

EP3598050A1; EP3598051A1; EP3598049A1; WO2020016132A1; JP2017500532A; GB2541032A; US2012152506A1; US9151542B2; KR20170097156A; JP2018505337A; KR101868306B1; US10260822B2; US9863715B2; EP2557383A3; US2016214215A1; US10076812B2; WO2013020828A1; WO2016096957A1; WO2017155802A1; WO2015185213A1; FR2989771A1; CN112805526A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2267390 A2 20101229; EP 2267390 A3 20131204; EP 2267390 B1 20161228; EP 2267390 B2 20221214; DE 102009030095 A1 20101223**

DOCDB simple family (application)

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