

Title (en)

Stacked plate cooler, use of same and combustion engine with a stacked plate cooler

Title (de)

Stapelscheiben-Kühler, Verwendung des Stapelscheiben-Kühlers und Brennkraftmaschine mit einem Stapelscheiben-Kühler

Title (fr)

Refroidisseur à empilement de plaques, utilisation du refroidisseur à empilement de plaques et moteur à combustion interne doté d'un refroidisseur à empilement de plaques

Publication

EP 2295916 B1 20170920 (DE)

Application

EP 10170781 A 20100726

Priority

DE 102009035239 A 20090729

Abstract (en)

[origin: EP2295916A2] The stacked disk-radiator (10) has multiple tub-shaped plates (12) directly fastened on a base plate (20), where the base plate has a recess (24) in the base plate main level (23). A lowest plate is inserted in the recess and is added by an adding connection.

IPC 8 full level

F28D 9/00 (2006.01); **F16N 39/02** (2006.01); **F28F 3/02** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)

F01M 5/002 (2013.01); **F28D 9/005** (2013.01); **F28F 3/02** (2013.01); **F28F 9/0246** (2013.01); **F28D 2021/0089** (2013.01); **F28F 9/002** (2013.01); **F28F 2225/00** (2013.01); **F28F 2275/025** (2013.01); **F28F 2275/04** (2013.01)

Cited by

DE102014008426A1; CN106461354A; RU2485428C1; FR3079266A1; US11150027B2; WO2015150321A3; WO2019180378A1

Designated contracting state (EPC)

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