

Title (en)
STACKED-PLATE COOLER

Title (de)
STAPELSCHEIBENKÜHLER

Title (fr)
RADIATEUR A EMPILEMENT DE DISQUES

Publication
EP 1846715 B1 20090429 (DE)

Application
EP 06704170 A 20060112

Priority
• EP 2006000202 W 20060112
• DE 102005004520 A 20050131

Abstract (en)
[origin: US2008110605A1] The invention relates to a stacked-disc cooler for a motor vehicle comprising several discs (21 - 24) stacked on each other and connected together, in particular welded to each other, and a supply channel which passes through several discs and through which a cooling medium is introducible into the staked-disc cooler (1) and distributed on the individual discs. According to said invention, in order to obtain the improved staked-disc cooler (1), a valve device preventing the return of the cooling medium outside of the supplying channel (18) is mounted therein.

IPC 8 full level
F28D 9/00 (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP US)
F28D 9/005 (2013.01 - EP US); **F28F 27/02** (2013.01 - EP US); **F28D 2021/0089** (2013.01 - EP US)

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

DOCDB simple family (publication)
US 2008110605 A1 20080515; AT E430297 T1 20090515; CN 100510602 C 20090708; CN 101107491 A 20080116;
DE 102005004520 A1 20060810; DE 502006003600 D1 20090610; EP 1846715 A1 20071024; EP 1846715 B1 20090429;
WO 2006081919 A1 20060810

DOCDB simple family (application)
US 81336106 A 20060112; AT 06704170 T 20060112; CN 200680002900 A 20060112; DE 102005004520 A 20050131;
DE 502006003600 T 20060112; EP 06704170 A 20060112; EP 2006000202 W 20060112