

Title (en)  
DEVICE FOR COOLING A COOLANT

Title (de)  
VORRICHTUNG ZUR KÜHLUNG EINES KÜHLMITTELS

Title (fr)  
DISPOSITIF DE REFROIDISSEMENT D'UN FLUIDE CALOPORTEUR

Publication  
**EP 2210054 A1 20100728 (FR)**

Application  
**EP 08850264 A 20081112**

Priority  
• EP 2008065349 W 20081112  
• FR 0758987 A 20071113

Abstract (en)  
[origin: WO2009062944A1] The invention relates to a device (1, 11) for cooling a coolant by heat exchange with another fluid, that comprises an inlet and at least two outlets (3, 4) provided at different levels for over-cooling the coolant. The device (1, 11) is characterised in that it comprises a modular structure including at least two modules (5, 6), each module (5, 6) including at least one outlet (3, 4), and in that both modules (5, 6) are hydraulically connected together by a male end-piece (7) of a first module interacting by insertion with a female end-piece (8) having a complementary shape of a second module (5).

IPC 8 full level  
**F28D 1/04** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP US)  
**F28D 1/0417** (2013.01 - EP US); **F28F 9/262** (2013.01 - EP US); **F28F 2265/26** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009062944A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**FR 2923594 A1 20090515; FR 2923594 B1 20100226**; CN 101910772 A 20101208; EP 2210054 A1 20100728; JP 2011503510 A 20110127; US 2010294460 A1 20101125; WO 2009062944 A1 20090522

DOCDB simple family (application)  
**FR 0758987 A 20071113**; CN 200880124557 A 20081112; EP 08850264 A 20081112; EP 2008065349 W 20081112; JP 2010533560 A 20081112; US 74277008 A 20081112