

Title (en)
A COOLING SYSTEM

Title (de)
KÜHLSYSTEM

Title (fr)
SYSTEME DE REFROIDISSEMENT

Publication
EP 1960646 A1 20080827 (EN)

Application
EP 06824472 A 20061124

Priority
• SE 2006001332 W 20061124
• SE 0502676 A 20051205

Abstract (en)
[origin: WO2007067118A1] A cooling system (100) for an engine (150) , comprising at least one coolant pump (120) for pumping a coolant through the engine (150) and a thermostat (140) operable to selectively direct said coolant from said engine (150) via a bypass (115) back to said engine (150) or via a main radiator (110) back to said engine (150) in response to a temperature of said coolant from said engine (150) , and an expansion vessel (130) for deaerating said cooling system (100) . The system (100) includes a first deaeration conduit (13V) connecting a high point of said engine (150) to said expansion vessel (130) , and a second deaeration conduit (138') connecting a high point of said main radiator (110) to said expansion vessel, and said first and second deaeration conduits (137' , 138') are provided with at least one heat exchanger (145, 145') for cooling coolant flowing through said deaeration conduits (137' , 138') .

IPC 8 full level
F01P 11/02 (2006.01)

CPC (source: EP SE US)
F01P 11/028 (2013.01 - EP SE US)

Citation (search report)
See references of WO 2007067118A1

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)
WO 2007067118 A1 20070614; BR PI0619426 A2 20111004; CN 101321938 A 20081210; CN 101321938 B 20101215; EP 1960646 A1 20080827; SE 0502676 L 20070606; SE 529541 C2 20070911; US 2009250019 A1 20091008

DOCDB simple family (application)
SE 2006001332 W 20061124; BR PI0619426 A 20061124; CN 200680045660 A 20061124; EP 06824472 A 20061124; SE 0502676 A 20051205; US 9520206 A 20061124