

Title (en)
FLUID PUMP

Title (de)
FLÜSSIGKEITSPUMPE

Title (fr)
POMPE A LIQUIDE

Publication
EP 2171284 A1 20100407 (DE)

Application
EP 08774405 A 20080627

Priority
• EP 2008058236 W 20080627
• DE 102007036240 A 20070802

Abstract (en)
[origin: WO2009015957A1] The invention relates to a fluid pump comprising, in a housing (1), a suction side (S) that is provided with a supply (Z) for the flowing medium and a pressure side (D) that is provided to withdraw the flowing medium. The suction side (S) and the pressure side (D) are fluidically separated from each other by an actuatable running wheel (4). At least one outlet (1a) and at least one inlet (1b) that is arranged in the region of the supply line (Z) are connected together via a fluid channel (2) in the pressure side (D) of the housing (1). Said fluid channel (2) is at least thermally connected in parts to components (3), the heat thereof being withdrawn. The invention also relates to the use of the fluid pump as a cool water pump in a motor vehicle.

IPC 8 full level
F04D 29/58 (2006.01)

CPC (source: EP)
F04D 13/0686 (2013.01); **F04D 29/5806** (2013.01); **F04D 29/5813** (2013.01)

Citation (search report)
See references of WO 2009015957A1

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)
DE 102007036240 A1 20090205; EP 2171284 A1 20100407; JP 2010535305 A 20101118; JP 5174907 B2 20130403;
KR 20100058460 A 20100603; WO 2009015957 A1 20090205

DOCDB simple family (application)
DE 102007036240 A 20070802; EP 08774405 A 20080627; EP 2008058236 W 20080627; JP 2010518583 A 20080627;
KR 20107002743 A 20080627