

Title (en)
Adjustable coolant pump

Title (de)
Regelbare Kühlmittelpumpe

Title (fr)
Pompe de refroidissement réglable

Publication
EP 1736669 B1 20101215 (DE)

Application
EP 06010442 A 20060520

Priority
DE 102005028598 A 20050621

Abstract (en)
[origin: EP1736669A2] The pump has a pump shaft (3) driven and stored in a pump storage (1) in a storage housing (2). An impeller (5) freely rotates at a sliding support of the shaft. An eccentric tappet (11) is fixedly arranged on the shaft. A pressure plate (13) is arranged on one or both sides of the tappet in an axially adjustable manner. A bimetal disk (22) that is fixedly arranged in the impeller is fastened adjacent to the turned away side of the plate and at the tappet.

IPC 8 full level
F04D 15/00 (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP)
F01P 7/162 (2013.01); **F04C 2/102** (2013.01); **F04C 15/0026** (2013.01); **F04D 13/022** (2013.01); **F04D 13/12** (2013.01); **F04D 15/0066** (2013.01)

Cited by
DE102010026132A1; DE102012213985A1; CN114165935A; DE102011005108A1; WO2014023744A1

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)
EP 1736669 A2 20061227; **EP 1736669 A3 20090812**; **EP 1736669 B1 20101215**; AT E491887 T1 20110115; DE 102005028598 B3 20061005; DE 502006008492 D1 20110127

DOCDB simple family (application)
EP 06010442 A 20060520; AT 06010442 T 20060520; DE 102005028598 A 20050621; DE 502006008492 T 20060520