

Title (en)
Coupling arrangement for submersible pump

Title (de)
Kupplungsfuß für eine Tauchmotorpumpe

Title (fr)
Dispositif de couplage pour pompe immergée

Publication
EP 1961962 A3 20140604 (DE)

Application
EP 07023015 A 20071128

Priority
• DE 102007009064 A 20070223
• DE 102007011214 A 20070308

Abstract (en)
[origin: EP1961962A2] The base has a housing, and a coupling part (2) for a motor, an outlet pipe connection and closable cleaning connecting pieces that are designed on an outer side of the housing. A backflow preventer in a form of a ball (4) and a sealing hub (8) for the ball are arranged on an inner side of the housing. The ball is guided into a retainer (3) for vertical movements, and the sealing hub is horizontally designed at a lower end of the ball.

IPC 8 full level
F04D 9/00 (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP)
F04D 9/008 (2013.01); **F04D 29/607** (2013.01)

Citation (search report)
• [AD] DE 3908092 A1 19900920 - JUNG PUMPEN GMBH [DE]
• [A] WO 2004067864 A1 20040812 - INTERMEDIKER KFT [HU], et al
• [A] US 4422472 A 19831227 - KLEIN L E [US]

Cited by
EP2224069A1; DE202009002780U1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1961962 A2 20080827; EP 1961962 A3 20140604; EP 1961962 B1 20160601

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EP 07023015 A 20071128