

Title (en)

Immersion pump

Title (de)

Tauchpumpe

Title (fr)

Pompe submersible

Publication

EP 2249042 B1 20130227 (DE)

Application

EP 09006299 A 20090508

Priority

EP 09006299 A 20090508

Abstract (en)

[origin: EP2249042A1] The pump (1) has a support tube (2) and vertically aligned shafts (3) that are provided with support and seal units (4) in the support tube. Pump hydraulics (5) is arranged in medium to be pumped. Gaseous medium present in the pump flows below one support and seal unit in a media area of the pump. The tube is partially surrounded with a circulating protective casing (6) thermally insulating a partial area of the tube against an environment. The casing is attached to an upper side of a narrow opening (9). The support and seal unit surrounded by the casing is provided with a safety fuse.

IPC 8 full level

F04D 13/08 (2006.01); **F04D 15/00** (2006.01)

CPC (source: EP)

F04D 13/08 (2013.01); **F04D 15/0077** (2013.01); **F04D 29/108** (2013.01)

Cited by

EP3045729A1; US10527048B2; EP3045729B1

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 MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2249042 A1 20101110; EP 2249042 B1 20130227

DOCDB simple family (application)

EP 09006299 A 20090508