

Title (en)
Centrifugal motor pump

Title (de)
Kreiselmotorpumpe

Title (fr)
Moto-pompe centrifuge

Publication
EP 2182219 B1 20160727 (DE)

Application
EP 09013661 A 20091030

Priority
DE 102008055614 A 20081103

Abstract (en)
[origin: EP2182219A2] The pump has a stator with a grouting material (10) surrounding an electric motor rotor, where the stator is enclosed by a motor housing (12). The grouting material of the stator is formed of flexible elastic i.e. elastomer, and forms a spring element between the stator and the motor housing. The grouting material bridges an intermediate space between the stator and housing, and integrally encompasses the stator. Electric connection lines run through the grouting material that covers windings of the stator in an insulating manner.

IPC 8 full level
F04D 13/06 (2006.01); **F04D 29/58** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 13/0626 (2013.01); **F04D 13/064** (2013.01); **F04D 29/5806** (2013.01); **F04D 29/669** (2013.01)

Cited by
CN103244436A; EP3667088A1; RU2731080C1

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 SM TR

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