

Title (en)

CENTRIFUGAL PUMP ASSEMBLY WITH ELECTRIC MOTOR

Title (de)

KREISELPUMPENANORDNUNG MIT ELEKTROMOTOR

Title (fr)

ENSEMBLE DE POMPE CENTRIFUGE DOTÉ D'UN MOTEUR ÉLECTRIQUE

Publication

EP 3511573 A1 20190717 (EN)

Application

EP 19150747 A 20190108

Priority

IT 201800000660 A 20180110

Abstract (en)

A centrifugal pump assembly (10), with electric motor (11) arranged in a casing (61), the assembly (10) comprising, at one end, a wet section (51), formed by a volute (64) and containing an impeller (52), and, at the other end, a box (13), which contains an electrical board (14), in contact with one end of the casing (61). The electric motor (11) is of the permanent-magnet brushless type and the casing (61) is made of stainless steel.

IPC 8 full level

F04D 13/06 (2006.01); **F04D 29/02** (2006.01); **F04D 29/42** (2006.01); **F04D 29/62** (2006.01)

CPC (source: CN EP US)

F04D 1/00 (2013.01 - CN); **F04D 13/06** (2013.01 - EP US); **F04D 13/0606** (2013.01 - CN EP US); **F04D 13/0626** (2013.01 - US); **F04D 13/064** (2013.01 - US); **F04D 13/0686** (2013.01 - EP US); **F04D 13/0693** (2013.01 - US); **F04D 29/007** (2013.01 - US); **F04D 29/026** (2013.01 - CN EP US); **F04D 29/406** (2013.01 - US); **F04D 29/426** (2013.01 - EP US); **F04D 29/428** (2013.01 - US); **F04D 29/5806** (2013.01 - CN); **F04D 29/586** (2013.01 - CN); **F04D 29/628** (2013.01 - EP US)

Citation (applicant)

IT 201800000660 A

Citation (search report)

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- [IAY] EP 0963029 A2 19991208 - WILO GMBH [DE]
- [YA] EP 2500577 A1 20120919 - GRUNDFOS MANAGEMENT AS [DK]
- [YA] EP 1947347 A1 20080723 - GRUNDFOS MANAGEMENT AS [DK]
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Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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