Title (en)
CENTRIFUGAL PUMP ASSEMBLY

Title (de)
KREISELPUMPENAGGREGAT

Title (fr)
GROUPE POMPE CENTRIFUGE

Publication
EP 3376039 B1 20210804 (DE)

Application
EP 17160841 A 20170314

Priority
EP 17160841 A 20170314

Abstract (en)
[origin: WO2018166979A1] The invention relates to a centrifugal pump unit, comprising an electrical drive motor, at least one impeller wheel (14) driven thereby, and a pump housing (12), which surrounds the impeller wheel (14) and in which at least one valve element (18, 18i) is arranged, which valve element can be rotated between two switching positions, the valve element being rotatably retained on at least one bearing in the interior of the pump housing (12), the bearing being arranged in a bearing space (140), which is separated by at least one seal (142) from the remaining interior of the pump housing (12), which remaining interior holds a fluid to be conveyed.

IPC 8 full level
F04D 1/00 (2006.01); F04D 13/02 (2006.01); F04D 13/06 (2006.01); F04D 15/00 (2006.01); F04D 29/046 (2006.01); F04D 29/08 (2006.01); F04D 29/10 (2006.01); F04D 29/42 (2006.01); F04D 29/48 (2006.01)

CPC (source: EP)
F04D 1/00 (2013.01); F04D 13/021 (2013.01); F04D 13/06 (2013.01); F04D 13/0686 (2013.01); F04D 15/0005 (2013.01); F04D 15/0016 (2013.01); F04D 15/0022 (2013.01); F04D 15/0066 (2013.01); F04D 29/046 (2013.01); F04D 29/086 (2013.01); F04D 29/106 (2013.01); F04D 29/4293 (2013.01); F04D 29/486 (2013.01)

Citation (examination)
- EP 0394140 A1 19901024 - ICF SARL [FR]
- DE 10207653 C1 20030925 - GPM GERAETE UND PUMPENBAU GMBH [DE]

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

DOCDB simple family (publication)
EP 3376039 A1 20180919; EP 3376039 B1 20210804; WO 2018166979 A1 20180920

DOCDB simple family (application)
EP 17160841 A 20170314; EP 2018056099 W 20180312