

Title (en)
Pump power unit with liquid-ring pump

Title (de)
Pumpenaggregat mit Flüssigkeitsringpumpe

Title (fr)
Groupe motopompe avec pompe à anneau liquide

Publication
EP 2674571 A3 20150819 (DE)

Application
EP 13171693 A 20130612

Priority
DE 202012005755 U 20120612

Abstract (en)
[origin: EP2674571A2] The unit (10) has a liquid ring pump (11) comprising a cylindrical pump casing (14) that surrounds a working space (15). The working space communicates with an intake opening (19) over a control disk (18). An eccentrically arranged running wheel (16) is connected with a drive shaft (17). The liquid ring pump is releasably connected to a connection unit (12) i.e. connection housing (13), that comprises an inlet (20), where the inlet communicates with the intake opening. The liquid ring pump is mounted as an axial plug-in unit in the connection housing.

IPC 8 full level
F01C 21/10 (2006.01); **F04C 19/00** (2006.01); **F04C 23/00** (2006.01); **F04C 28/02** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP)
F01C 21/10 (2013.01); **F04C 19/001** (2013.01); **F04C 19/004** (2013.01); **F04C 19/005** (2013.01); **F04C 23/001** (2013.01); **F04C 28/02** (2013.01); **F04C 29/04** (2013.01); **F04C 2230/60** (2013.01)

Citation (search report)

- [IA] US 2532267 A 19501128 - CHASE CURTIS D
- [IA] GB 121518 A 19181219 - RANSOMES & RAPIER LTD [GB], et al
- [YA] DE 20200839 U1 20030528 - SPECK PUMPENFABRIK WALTER SPEC [DE]
- [YA] EP 1496261 A2 20050112 - BECKER KG GEBR [DE]

Cited by
CN105351193A

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

DOCDB simple family (publication)
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