

Title (en)
Pump power unit

Title (de)
Pumpenaggregat

Title (fr)
Groupe motopompe

Publication
EP 2610498 A1 20130703 (DE)

Application
EP 11195805 A 20111227

Priority
EP 11195805 A 20111227

Abstract (en)
The pump unit has a stator housing (16) which is connected to the pump housing (2). A wet-running electric motor is provided with gap tubes (18) arranged in stator housing. The plate-shaped bearing supports (26) made of sheet metal are arranged between the pump housing and the stator housing. The bearing supports are formed of centering surfaces at a distance from free circumferential edge. The centering surfaces are rested on a contact surface of pump housing in such a way that the bearing supports are centered with gap tubes relative to pump housing.

Abstract (de)
Pumpenaggregat mit einem Pumpengehäuse (2) und einem mit dem Pumpengehäuse (2) verbundenen Statorgehäuse (16), in welchem ein nasslaufender Elektromotor mit einem Spaltrohr (18, 18') angeordnet ist, wobei zwischen dem Pumpengehäuse und dem Statorgehäuse (16) ein tellerförmiger Lagerträger (26, 26') aus Blech angeordnet ist, wobei der Lagerträger (26, 26') beabstandet von seiner freien Umfangskante (44) eine Zentrierfläche (40, 40') aufweist, welche an einer korrespondierenden Anlagefläche (42) des Pumpengehäuses (2) derart zur Anlage kommt, dass der Lagerträger (26, 26') mit dem Spaltrohr (18, 18') relativ zu dem Pumpengehäuse (2) zentriert ist.

IPC 8 full level
F04D 13/06 (2006.01)

CPC (source: EP US)
F04D 13/0606 (2013.01 - EP US); **F04D 13/0626** (2013.01 - US); **F04D 29/086** (2013.01 - US)

Citation (search report)
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• [A] DE 2639541 A1 19780309 - GRUNDFOS AS
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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

DOCDB simple family (publication)
EP 2610498 A1 20130703; EP 2610498 B1 20161116; CN 104040182 A 20140910; CN 104040182 B 20170301; US 10036390 B2 20180731; US 2014377105 A1 20141225; WO 2013098092 A1 20130704

DOCDB simple family (application)
EP 11195805 A 20111227; CN 201280065083 A 20121214; EP 2012075499 W 20121214; US 201214369359 A 20121214