

Title (en)

CENTRIFUGAL PUMP ASSEMBLIES HAVING AN AXIAL FLUX ELECTRIC MOTOR AND METHODS OF ASSEMBLY THEREOF

Title (de)

KREISELPUMPENANORDNUNGEN MIT AXIALFLUSSELEKTROMOTOR UND VERFAHREN ZUR MONTAGE DAVON

Title (fr)

ENSEMBLES POMPES CENTRIFUGES AYANT UN MOTEUR ÉLECTRIQUE À FLUX AXIAL ET LEURS PROCÉDÉS D'ASSEMBLAGE

Publication

EP 3574220 A1 20191204 (EN)

Application

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Priority

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- US 201715418171 A 20170127
- US 2018015455 W 20180126

Abstract (en)

[origin: WO2018140731A1] An electric motor assembly includes a bearing assembly including a rotating component and at least one stationary component. The electric motor assembly also includes an impeller coupled to the rotating component. The impeller includes an inlet and an outlet and is configured to direct a fluid between the inlet and the outlet. The electric motor assembly also includes a rotor assembly directly coupled to the impeller. A fluid flow channel is defined between the rotating component and the at least one stationary component. The flow channel includes a first end proximate the impeller outlet and a second end proximate the impeller inlet.

IPC 8 full level

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CPC (source: EP)

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