

Title (en)

PUMP GROUP, WITH ELECTRIC DRIVE AND MECHANICAL DRIVE, COMPRISING A SUPPORTED IMPELLER

Title (de)

PUMPANORDNUNG MIT MECHANISCHEM ANTRIEB UND ELEKTROANTRIEB

Title (fr)

POMPE ASSEMBLAGE AVEC UN ENTRAÎNEMENT MÉCANIQUE ET UN ENTRAÎNEMENT ÉLECTRIQUE

Publication

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Application

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Priority

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- IB 2017051814 W 20170330

Abstract (en)

[origin: WO2017195049A1] A pump group (1) for a cooling circuit of an engine of a vehicle, comprising an impeller (2), rotatable around an axis (X-X). The impeller (2) comprises a paddle portion (21) and a support portion (22) having a support surface (220). The pump group (1) further comprises a mechanical drive (3) and an electric drive (5) respectively operatively connected to the impeller (2) by a first one-way coupling (61) and a second one-way coupling (62). The pump group (1) comprises a support and centering bearing (20) operatively connected to the support surface (220) suitable to support and keep the impeller (2) centred on the axis (X-X).

IPC 8 full level

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