

Title (en)

PUMP GROUP WITH ELECTRIC DRIVE AND MECHANICAL DRIVE ON THE IMPELLER

Title (de)

PUMPENGRUPPE MIT ELEKTRISCHEM ANTRIEB UND MECHANISCHEM ANTRIEB AM LAUFRAD

Title (fr)

GROUPE DE POMPAGE MUNI D'UN ENTRAÎNEMENT ÉLECTRIQUE ET D'UN ENTRAÎNEMENT MÉCANIQUE SUR LE ROTOR

Publication

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Application

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Priority

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- IB 2016057657 W 20161215

Abstract (en)

[origin: WO2017175048A1] A pump group (1) for a cooling system of an engine of a vehicle, comprising: - an impeller (2) rotatable around an axis (X-X); - a mechanical drive (3) and a mechanical shaft (300) rotatable by the mechanical drive (3); - an electric drive (4) and an electric shaft (400) rotatable by the electric drive (4) wherein the electric drive (4) comprises an electric motor (40). In the pump group (1) the mechanical shaft (300) and electric shaft (400) extend along the axis (X-X) and are operationally connected to the impeller (2) respectively by means of a first unidirectional clutch (51) and a second unidirectional clutch (52).

IPC 8 full level

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