

Title (en)

PUMP GROUP COMPRISING AN ELECTRIC DRIVE AND A MECHANICAL DRIVE WITH A CLUTCH

Title (de)

PUMPENGRUPPE MIT EINEM ELEKTRISCHEN ANTRIEB UND MECHANISCHER ANTRIEB MIT EINER KUPPLUNG

Title (fr)

GROUPE MOTOPOMPE COMPRENANT UN ENTRAÎNEMENT ÉLECTRIQUE ET UN ENTRAÎNEMENT MÉCANIQUE DOTÉ D'UN EMBRAYAGE

Publication

EP 3583304 A1 20191225 (EN)

Application

EP 18708747 A 20180213

Priority

- IT 201700017415 A 20170216
- IB 2018050876 W 20180213

Abstract (en)

[origin: WO2018150322A1] A pump group (1) for a cooling system of an engine of a vehicle, comprising an impeller (2) and command means (4) suitable to control the rotation speed of the impeller (2). The command means (4) comprise firstly, an electric drive (5) comprising an electric motor (50) and a first unidirectional clutch (58), wherein the electric motor (50) is operatively connected to the impeller (2) via the unidirectional clutch (58). The command means (4) comprise, secondly, a mechanical drive (6) comprising a centrifugal clutch (60), wherein the mechanical drive is operatively connected to the impeller (2) via the centrifugal clutch (60).

IPC 8 full level

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CPC (source: EP)

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