

Title (en)

CHARGING DEVICE FOR A COMBUSTION ENGINE

Title (de)

AUFLADEVORRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF DE CHARGEMENT POUR UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2015188028A2] .The invention relates to a supercharging device for an internal combustion engine, in particular for a vehicle, comprising a compressor having a compressor housing and having a compressor space in which a compressor wheel is arranged, an electric motor having a rotor and a stator, a motor housing having a motor space for accommodating the rotor and the stator, a receiving space in which a power electronics circuit for controlling the electric motor is arranged, and wherein the receiving space is hermetically sealed with respect to the compressor space and the motor space.

IPC 8 full level

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F04D 29/083 (2013.01 - CN EP US); **F04D 29/668** (2013.01 - CN EP KR US); **F04D 29/701** (2013.01 - CN EP KR US)

Cited by

EP3654740A1; DE102019130621A1; DE102018221556A1; FR3052198A1; DE102017204144A1; EP3358195A4; US11261779B2;
US10473110B2; WO2020120174A1; WO2020120157A1; WO2021032711A1; WO2017212159A1

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