

Title (en)

ELECTRIC MACHINE HAVING HELICAL TEETH FOR USE IN A MOTOR VEHICLE

Title (de)

ELEKTRISCHE MASCHINE MIT SCHRÄGVERZÄHNUNG ZUR VERWENDUNG IN EINEM KRAFTFAHRZEUG

Title (fr)

MACHINE ÉLECTRIQUE PRÉSENTANT DES DENTS HÉLICOÏDALES POUR APPLICATION DANS UN VÉHICULE AUTOMOBILE

Publication

**EP 3221948 A2 20170927 (FR)**

Application

**EP 15804909 A 20151120**

Priority

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- FR 2015053152 W 20151120

Abstract (en)

[origin: WO2016079448A2] The invention relates to an electric machine (10) for use in a motor vehicle, in particular for an electric supercharger compressor, comprising a rotor (12) and a stator (14), the rotor (12) and the stator (14) having radial teeth (16; 18), the teeth (16; 18) of at least one of the rotor (12) and the stator (14) extending forming a helix along the rotor (12) or the stator (14). The invention likewise relates to an electric supercharger compressor for a motor vehicle, including a compressor impeller and such an electric machine (10), for rotating the compressor impeller.

IPC 8 full level

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