

Title (en)

ELECTRIC MACHINE WITH A ROTOR COOLED BY COOLING GAS

Title (de)

ELEKTRISCHE MASCHINE MIT DURCH KÜHLGAS GEKÜHLTEM ROTOR

Title (fr)

MACHINE ÉLECTRIQUE À ROTOR REFROIDI PAR GAZ RÉFRIGÉRANT

Publication

**EP 3084924 A2 20161026 (DE)**

Application

**EP 15708775 A 20150226**

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Abstract (en)

[origin: WO2015132116A2] The invention relates to an electric machine (1) comprising a rotor (3) cooled by a cooling gas and a stator (5) which surrounds the rotor (3) and which comprises several partially laminated cores (13). Said partially laminated cores (13) are successively arranged in an axial direction which is parallel to a rotational axis (7) of the rotor (3) and are separated from each other by flow channels (23) which are open on the rotor side for guiding the cooling gas to the rotor (3).

IPC 8 full level

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