

Title (en)

AIR-COOLED ELECTRIC MOTOR

Title (de)

LUFTGEKÜHLTER ELEKTROMOTOR

Title (fr)

MOTEUR ÉLECTRIQUE REFROIDI PAR AIR

Publication

EP 3577744 A1 20191211 (DE)

Application

EP 18704397 A 20180125

Priority

- DE 102017000844 A 20170131
- EP 2018000034 W 20180125

Abstract (en)

[origin: WO2018141472A1] The invention relates to an air-cooled electric motor comprising a housing on which an assembly flange for receiving attachments, in particular a brake, is arranged at one end, a plurality of cooling fins which are arranged on the exterior of the housing, are distributed over the housing circumference, and run substantially parallel to a longitudinal central axis of the electric motor and over which cooling air can flow, a fan which sets the cooling air into motion and which can be driven by a fan motor, and a fan hood which conducts the cooling air in the direction of the cooling fins. The fan hood is arranged on the housing between the assembly flange and the housing end opposite the assembly flange (Fig. 1).

IPC 8 full level

H02K 9/14 (2006.01); **H02K 7/102** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2018141472A1

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