

Title (en)

ROTARY ELECTRIC MACHINE PROVIDED WITH A SHUTTER LIMITING LOOPBACK OF HOT AIR

Title (de)

ELEKTRISCHE DREHMASCHINE MIT EINER BLENDE ZUR BEGRENZUNG DER RÜCKSCHLEIFE VON HEISSLUFT

Title (fr)

MACHINE ELECTRIQUE TOURNANTE MUNIE D'UN OBTURATEUR LIMITANT UN REBOUCLAGE D'AIR CHAUD

Publication

**EP 3574571 A1 20191204 (FR)**

Application

**EP 18707077 A 20180126**

Priority

- FR 1750690 A 20170127
- FR 2018050182 W 20180126

Abstract (en)

[origin: WO2018138448A1] The invention primarily relates to a rotary electric machine (15) including: -a bearing (21); -a stator (18) mounted in the bearing (21), the stator (18) including a winding provided with phase outputs (26); -a heat sink (32) associated with a power electronics module (29) to which the phase outputs (26) are electrically linked; -a shutter (41) mounted between the bearing (21) and the heat sink (32), -characterized in that the shutter (41) includes a body (48) and at least one petal assembly (50) including at least one petal (51) that can fold with respect to the body (48), said at least one petal assembly (50) defining an opening (52) for the passage of a phase output (26).

IPC 8 full level

**H02K 5/20** (2006.01); **H02K 9/06** (2006.01); **H02K 11/04** (2016.01); **H02K 11/33** (2016.01)

CPC (source: EP US)

**H02K 5/207** (2021.01 - EP US); **H02K 9/06** (2013.01 - EP); **H02K 11/05** (2016.01 - EP US); **H02K 11/33** (2016.01 - EP)

Citation (search report)

See references of WO 2018138448A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2018138448 A1 20180802**; CN 110192333 A 20190830; CN 110192333 B 20210928; EP 3574571 A1 20191204; FR 3062531 A1 20180803; FR 3062531 B1 20190607

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