

Title (en)
SPLIT STATOR BODY FOR AN ELECTRIC MACHINE

Title (de)
GETEILTER STATORKÖRPER FÜR EINE ELEKTRISCHE MASCHINE

Title (fr)
CORPS STATORIQUE DIVISÉ POUR UNE MACHINE ÉLECTRIQUE

Publication
EP 3602737 A1 20200205 (FR)

Application
EP 18722104 A 20180329

Priority
• FR 1752821 A 20170331
• FR 1757839 A 20170824
• FR 2018050766 W 20180329

Abstract (en)
[origin: WO2018178576A1] A stator for an electric machine having a plurality of radially extending teeth (12 to 17), supported by an outer annular yoke (1) radial to said teeth (12 to 17), at least part of the teeth (12 to 17) supporting a coil and the outer annular yoke (1) having flutes (2 to 7) of partially cylindrical shape opening towards said teeth (12 to 17), at least part of the teeth (12 to 17) each having, at their end, on the side of said outer annular yoke (1), a protuberance (35) of partially cylindrical shape, said protuberance being held in said flute by contact points so that at least one part of the teeth (12 to 17) performs a relative movement having a degree of rotational and/or translational freedom relative to said annular yoke (1).

IPC 8 full level
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H02K 1/148 (2013.01 - EP KR US); **H02K 3/493** (2013.01 - KR); **H02K 5/24** (2013.01 - EP KR); **H02K 3/493** (2013.01 - EP); **H02K 2201/18** (2013.01 - US); **H02K 2213/03** (2013.01 - KR)

Designated contracting state (EPC)
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