

Title (en)

ROTATING ELECTRICAL MACHINE EQUIPPED WITH A CONNECTION SLEEVE INCORPORATING A DAMPER

Title (de)

ELEKTRISCHE DREHMASCHINE MIT EINER EINEN DÄMPFER ENTHALTENDEN ANSCHLUSSHÜLSE

Title (fr)

MACHINE ÉLECTRIQUE TOURNANTE MUNIE D'UN MANCHON DE LIAISON INTÉGRANT UN AMORTISSEUR

Publication

**EP 3850235 A1 20210721 (FR)**

Application

**EP 19766035 A 20190913**

Priority

- FR 1858311 A 20180914
- EP 2019074553 W 20190913

Abstract (en)

[origin: WO2020053420A1] The invention mainly relates to an assembly for a motor vehicle, comprising: - a rotating electrical machine (10) comprising: - a shaft (13); - a front bearing (15) comprising a housing for receiving a roller bearing (19) providing rotational guidance of the shaft (13); - the shaft (13) comprising an end axially extending beyond the roller bearing (19), the end of the shaft (13) comprising flutes; - a reduction element (22) equipped with a shaft (47) having flutes; and - a connection sleeve (48) comprising: - a first fluted part (48.1) intended to engage with the fluted end of the shaft (13) of the rotating electrical machine (10); - a second fluted part (48.2) intended to engage with the fluted end of the shaft (47) of the reduction element (22); and - a damper (51) axially disposed between the first fluted part (48.1) and the second fluted part (48.2) of the connection sleeve (48).

IPC 8 full level

**F16D 1/116** (2006.01); **H02K 7/00** (2006.01); **H02K 7/116** (2006.01)

CPC (source: EP KR)

**B60K 17/24** (2013.01 - KR); **F16D 1/116** (2013.01 - EP KR); **F16H 57/02** (2013.01 - KR); **H02K 5/1735** (2013.01 - KR); **H02K 5/24** (2013.01 - KR); **H02K 7/003** (2013.01 - EP KR); **H02K 7/083** (2013.01 - KR); **H02K 7/116** (2013.01 - EP KR); **F16D 2001/103** (2013.01 - EP KR)

Citation (search report)

See references of WO 2020053420A1

Cited by

EP3850728A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2020053420 A1 20200319**; CN 113167331 A 20210723; CN 113167331 B 20240705; EP 3850235 A1 20210721; FR 3086127 A1 20200320; FR 3086127 B1 20210910; JP 2022500601 A 20220104; JP 7179162 B2 20221128; KR 20210058890 A 20210524

DOCDB simple family (application)

**EP 2019074553 W 20190913**; CN 201980065171 A 20190913; EP 19766035 A 20190913; FR 1858311 A 20180914; JP 2021513972 A 20190913; KR 20217010629 A 20190913