

Title (en)
BRAKE FOR ROTARY ELECTRIC MACHINE

Title (de)
BREMSE FÜR ELEKTRISCHE DREHMASCHINE

Title (fr)
FREIN POUR MACHINE ELECTRIQUE TOURNANTE

Publication
EP 3394963 A1 20181031 (FR)

Application
EP 16809097 A 20161214

Priority
• FR 1563253 A 20151223
• EP 2016080969 W 20161214

Abstract (en)
[origin: WO2017108527A1] A brake (10) for a rotary electric machine including a rotor having a shaft, the brake including: - at least one fixed armature (34); at least one yoke (31) that can be moved between a position of braking the shaft of the machine and a position in which the shaft rotates freely; at least one coil (33) borne by the yoke; at least one brake disc (20) borne by the shaft of the rotor; at least one elastic return system (38) for applying the yoke against the brake disc in the absence of electrical excitation of the coil, the armature being positioned such that the excitation of the coil causes the yoke to approach the armature and distances the yoke from the brake disc.

IPC 8 full level
H02K 7/102 (2006.01); **F16D 121/22** (2012.01)

CPC (source: EP US)
F16D 55/02 (2013.01 - US); **F16D 59/00** (2013.01 - US); **F16D 59/02** (2013.01 - EP US); **H02K 7/1023** (2013.01 - EP US); **H02K 7/1025** (2013.01 - US); **F16D 2121/14** (2013.01 - US); **F16D 2121/16** (2013.01 - EP US); **F16D 2121/22** (2013.01 - EP US); **F16D 2125/64** (2013.01 - EP US)

Citation (search report)
See references of WO 2017108527A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
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