Title (en)

DYNAMOELECTRIC MACHINE WITH A REPORTING SYSTEM FOR DETECTING A SHORT CIRCUIT IN THE WINDING SYSTEM

Title (de)

DYNAMOELEKTRISCHE MASCHINE MIT EINEM MELDESYSTEM ZUR KURZSCHLUSSERKENNUNG IM WICKLUNGSSYSTEM

Title (fr)

MACHINE DYNAMOÉLECTRIQUE AVEC UN SYSTÈME DE SIGNALISATION POUR LA RECONNAISSANCE DE COURT-CIRCUITS DANS LE SYSTÈME DE BOBINAGE

Publication

EP 3207624 A1 20170823 (DE)

Application

EP 15801724 A 20151120

Priority

- EP 14196967 A 20141209
- EP 2015077222 W 20151120

Abstract (en)

[origin: WO2016091556A1] The invention relates to a dynamo-electric machine (1) comprising a laminated stator (3) and a laminated rotor (4), one or both of which have one or more winding systems that form winding overhangs (8, 9) on the end faces of the laminated stator (3) and/or of the laminated rotor (4); at least one signaling line (10) is provided in the winding system, especially in or on the winding overhang (8, 9), in order to detect interturn faults.

IPC 8 full level

B60L 3/00 (2019.01); **H02K 11/25** (2016.01); **H02P 29/68** (2016.01); H02K 3/50 (2006.01)

CPC (source: EP RU US)

B60L 3/0061 (2013.01 - US); **H02K 3/32** (2013.01 - RU); **H02K 3/50** (2013.01 - RU); **H02K 11/25** (2016.01 - EP RU US); **H02P 29/68** (2016.02 - US); B60L 2240/425 (2013.01 - US); H02K 3/505 (2013.01 - EP US)

Citation (examination)

- US 2009232183 A1 20090917 - SALEM SAMEH RAMADAN [US], et al
- US 3723932 A 19730327 - MILLER H, et al
- See also references of WO 2016091556A1

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)

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DOCDB simple family (application)

EP 14196967 A 20141209; CN 201580066808 A 20151120; EP 15801724 A 20151120; EP 2015077222 W 20151120; RU 2017123053 A 20151120; US 201515534320 A 20151120