

Title (en)
ELECTRIC MACHINE, SYNCHRONOUS GENERATOR-FIELD POLE, SYNCHRONOUS GENERATOR-ROTOR COMPRISING A PLURALITY OF FIELD POLES, AND METHOD FOR PRODUCING A SYNCHRONOUS GENERATOR-FIELD POLE OF AN ELECTRIC MACHINE

Title (de)
ELEKTRISCHE MASCHINE, SYNCHRONGENERATOR-POLPAKET, SYNCHRONGENERATOR-ROTOR MIT EINER MEHRZAHL VON POLPAKETEN UND VERFAHREN ZUM HERSTELLEN EINES SYNCHRONGENERATOR-POLPAKETES EINER ELEKTRISCHEN MASCHINE

Title (fr)
MOTEUR ÉLECTRIQUE, NOYAU POLAIRE DE GÉNÉRATEUR SYNCHRONE, ROTOR DE GÉNÉRATEUR SYNCHRONE POURVU D'UNE PLURALITÉ DE NOYAUX POLAIRES ET PROCÉDÉ DE FABRICATION D'UN NOYAU POLAIRE DE GÉNÉRATEUR SYNCHRONE D'UN MOTEUR ÉLECTRIQUE

Publication
EP 2719060 A2 20140416 (DE)

Application
EP 12725467 A 20120605

Priority
• DE 102011077217 A 20110608
• EP 2012060595 W 20120605

Abstract (en)
[origin: CA2837026A1] The invention relates to field pole for a synchronous generator-rotor comprising a plurality of field pole segments (101-106) that are offset in relation to each other and that each have a plurality of identical field pole laminations. Each field pole lamination has a pole shaft (110) with a first centre line (118) and a pole head (120) with a second centre line (128). The first and second centre lines can be different from each other in adjacent pole segments (101-106).

IPC 8 full level
H02K 1/24 (2006.01); **H02K 15/02** (2006.01)

CPC (source: EP KR US)
H02K 1/148 (2013.01 - EP US); **H02K 1/24** (2013.01 - EP US); **H02K 1/243** (2013.01 - KR); **H02K 1/26** (2013.01 - US); **H02K 15/02** (2013.01 - KR); **H02K 15/024** (2013.01 - US); **H02K 2201/06** (2013.01 - EP US); **Y10T 29/49012** (2015.01 - EP US)

Citation (search report)
See references of WO 2012168238A2

Citation (examination)
• WO 0074210 A1 20001207 - WOBLEN ALOYS [DE]
• GB 2389241 A 20031203 - EUROP ELECTRICAL LAMINATIONS L [GB]

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)
DE 102011077217 A1 20121213; AR 086874 A1 20140129; AU 2012266435 B2 20150917; BR 112013030847 A2 20161129; CA 2837026 A1 20121213; CL 2013003443 A1 20140822; CN 103620914 A 20140305; EP 2719060 A2 20140416; JP 2014516241 A 20140707; KR 20140022914 A 20140225; MX 2013013265 A 20131216; NZ 618085 A 20151224; RU 2557081 C1 20150720; TW 201310863 A 20130301; TW I472128 B 20150201; US 2014132108 A1 20140515; WO 2012168238 A2 20121213; WO 2012168238 A3 20131017; ZA 201308721 B 20140730

DOCDB simple family (application)
DE 102011077217 A 20110608; AR P120102038 A 20120608; AU 2012266435 A 20120605; BR 112013030847 A 20120605; CA 2837026 A 20120605; CL 2013003443 A 20131129; CN 201280028242 A 20120605; EP 12725467 A 20120605; EP 2012060595 W 20120605; JP 2014514037 A 20120605; KR 20137033261 A 20120605; MX 2013013265 A 20120605; NZ 61808512 A 20120605; RU 2013157205 A 20120605; TW 101120808 A 20120608; US 201214124228 A 20120605; ZA 201308721 A 20131121