

Title (en)
SYNCHRONOUS MACHINE

Title (de)
SYNCHRONMASCHINE

Title (fr)
MACHINE SYNCHRONE

Publication
EP 2394352 A1 20111214 (DE)

Application
EP 09796351 A 20091207

Priority
• EP 2009066479 W 20091207
• DE 102009000681 A 20090206

Abstract (en)
[origin: WO2010088983A1] The invention relates to an electric machine (1) comprising: - a rotor (4) having 14 rotor poles (8) which is arranged rotatably about a central axis and - a stator (2) having 12 stator teeth (3) which project in a radial direction relative to the central axis from the stator (2) in the direction of the rotor (4), characterized in that each of the stator teeth (3) is surrounded by a stator coil (9) which surrounds only one of the stator teeth.

IPC 8 full level
H02K 1/14 (2006.01); **H02K 1/27** (2006.01); **H02K 21/16** (2006.01)

CPC (source: EP US)
H02K 1/146 (2013.01 - EP US); **H02K 1/2746** (2013.01 - EP); **H02K 1/276** (2013.01 - EP US); **H02K 21/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2010088983A1

Citation (examination)
US 2002130578 A1 20020919 - ANMA TATSUYA [JP], et al

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009000681 A1 20100812; CN 102308455 A 20120104; EP 2394352 A1 20111214; JP 2012517209 A 20120726; US 2012043155 A1 20120223; US 8434584 B2 20130507; WO 2010088983 A1 20100812

DOCDB simple family (application)
DE 102009000681 A 20090206; CN 200980156227 A 20091207; EP 09796351 A 20091207; EP 2009066479 W 20091207; JP 2011548552 A 20091207; US 200913148331 A 20091207