

Title (en)
ELECTRIC DRIVE

Title (de)
ELEKTRISCHER ANTRIEB

Title (fr)
ENTRAÎNEMENT ÉLECTRIQUE

Publication
EP 2681840 A1 20140108 (DE)

Application
EP 11802301 A 20111130

Priority
• DE 102011013885 A 20110304
• EP 2011071388 W 20111130

Abstract (en)
[origin: WO2012119670A1] The invention relates to an electric drive (70), in particular for an electric tool, having a rotor, a stator and a first coil assembly, which is designed to drive the rotor by means of a first rotating field, and having a first motor control assembly (90), which is designed to supply the first coil assembly (86) with electric power in order to generate a first rotating field. The stator has a second coil assembly (88) for generating a second rotating field. The second coil assembly (88) can be driven and energized separately from the first coil assembly (86) in such a way as to drive the second coil assembly (88) with any desired commutation sequence.

IPC 8 full level
H02P 25/18 (2006.01); **H02P 6/00** (2006.01); **H02P 25/22** (2006.01)

CPC (source: EP US)
H02P 6/005 (2013.01 - EP US); **H02P 23/30** (2016.02 - EP US); **H02P 25/18** (2013.01 - EP US); **H02P 25/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2012119670A1

Citation (examination)
EP 0401057 A2 19901205 - MITSUBISHI ELECTRIC CORP [JP]

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

DOCDB simple family (publication)
DE 102011013885 A1 20120906; CN 103503308 A 20140108; CN 103503308 B 20161214; EP 2681840 A1 20140108;
US 2014009101 A1 20140109; WO 2012119670 A1 20120913

DOCDB simple family (application)
DE 102011013885 A 20110304; CN 201180070607 A 20111130; EP 11802301 A 20111130; EP 2011071388 W 20111130;
US 201314017913 A 20130904