

Title (en)

Mill drive system

Title (de)

Mühlengantriebssystem

Title (fr)

Système d'entraînement de moulin

Publication

EP 2380666 B1 20130417 (DE)

Application

EP 10004127 A 20100419

Priority

EP 10004127 A 20100419

Abstract (en)

[origin: EP2380666A1] The mill drive system has a gear (1) with planetary stages (11,12) and a spur wheel, where a vertical shaft bearing is arranged. An electric motor (2) is integrated in housing (3) of the gear, where a rotor (21) and stator (22) of the electric motor has a vertically extending axel. An upper bearing cover (23) and a lower bearing (24) cover are mounted opposite to the rotor and stator and has a bearing seat for the rotor shaft bearing.

IPC 8 full level

B02C 15/00 (2006.01)

CPC (source: EP US)

B02C 15/006 (2013.01 - EP US); **Y10T 74/19684** (2015.01 - EP US)

Cited by

CN104632548A; WO2014207028A1

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)

EP 2380666 A1 20111026; EP 2380666 B1 20130417; CN 102858459 A 20130102; CN 102858459 B 20141231; CN 202212229 U 20120509; EP 2560764 A1 20130227; ES 2409115 T3 20130625; RU 2012148807 A 20140527; RU 2522529 C2 20140720; US 2013035189 A1 20130207; US 8834312 B2 20140916; WO 2011131430 A1 20111027

DOCDB simple family (application)

EP 10004127 A 20100419; CN 201120171639 U 20110331; CN 201180019905 A 20110317; EP 11708868 A 20110317; EP 2011054055 W 20110317; ES 10004127 T 20100419; RU 2012148807 A 20110317; US 201113642384 A 20110317