

Title (en)
TUBE MILL

Title (de)
ROHRMÜHLE

Title (fr)
BROYEUR TUBULAIRE

Publication
EP 2640521 A1 20130925 (DE)

Application
EP 11701970 A 20110125

Priority
EP 2011050950 W 20110125

Abstract (en)
[origin: WO2012100818A1] The invention relates to a tube mill (1), wherein the tube mill (1) has a body (4) arranged so as to rotate about an axis of rotation (R), wherein material to be ground (13) can be introduced into the body (4) for comminution, wherein the tube mill (1) has an electric motor (2) for rotationally driving the body (4), wherein the electric motor (2) has a rotor (18), which is arranged around the body (4) and connected to the body (4) for rotation therewith and has a stator yoke (10), which is arranged stationarily around the rotor (18), wherein the tube mill (1) has a concrete element (3) running around at least half the circumference (U) of the stator yoke (10), wherein the stator yoke (10) is connected to the concrete element (3) in such a way that forces acting on the stator yoke (10) are transferred to the concrete element (3). The invention makes it possible to reduce vibrations of the stator yoke (10) of the electric motor (2) that occur during the operation of the electric motor (2).

IPC 8 full level
B02C 17/24 (2006.01)

CPC (source: BR EP US)
B02C 17/24 (2013.01 - BR EP US)

Citation (search report)
See references of WO 2012100818A1

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)
WO 2012100818 A1 20120802; AU 2011357265 A1 20130801; AU 2011357265 B2 20150402; BR 112013018372 A2 20161011;
BR 112013018372 B1 20200714; CA 2825449 A1 20120802; CA 2825449 C 20151006; CN 103338866 A 20131002; CN 103338866 B 20150513;
EP 2640521 A1 20130925; EP 2640521 B1 20141029; ES 2523775 T3 20141201; MX 2013008584 A 20131007; US 2013306773 A1 20131121;
US 9233373 B2 20160112

DOCDB simple family (application)
EP 2011050950 W 20110125; AU 2011357265 A 20110125; BR 112013018372 A 20110125; CA 2825449 A 20110125;
CN 201180065812 A 20110125; EP 11701970 A 20110125; ES 11701970 T 20110125; MX 2013008584 A 20110125;
US 201113981566 A 20110125