

Title (en)

APPARATUS AND METHOD FOR STARTING A STIRRING BALL MILL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM STARTEN EINER RÜHRWERKSKUGELMÜHLE

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR DÉMARRAGE D'UN BROYEUR AGITATEUR AUX BILLES

Publication

EP 3060345 B1 20170531 (DE)

Application

EP 14808809 A 20141001

Priority

- DE 102013111564 A 20131021
- DE 2014000491 W 20141001

Abstract (en)

[origin: WO2015058736A1] Described is a device for starting an agitator ball mill, wherein the agitator ball mill has a vertical grinding container. In the grinding container is mounted a vertical agitator shaft on which at least one grinding element is mounted. The grinding container is for the most part filled with grinding elements. When the agitator ball mill starts the agitator shaft can be lifted by the claimed device to allow starting.

IPC 8 full level

B02C 17/24 (2006.01); **B02C 17/16** (2006.01)

CPC (source: CN EP)

B02C 17/10 (2013.01 - CN); **B02C 17/16** (2013.01 - CN); **B02C 17/163** (2013.01 - EP); **B02C 17/1825** (2013.01 - CN); **B02C 17/24** (2013.01 - EP)

Cited by

DE102019211059A1; WO2021013926A1

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 102013111564 B3 20150212; CN 105555409 A 20160504; CN 105555409 B 20170616; EP 3060345 A1 20160831; EP 3060345 B1 20170531; WO 2015058736 A1 20150430

DOCDB simple family (application)

DE 102013111564 A 20131021; CN 201480051637 A 20141001; DE 2014000491 W 20141001; EP 14808809 A 20141001