

Title (en)
APPARATUS FOR MATERIAL-BED COMMINUTION

Title (de)
VORRICHTUNG ZUR GUTBETTZERKLEINERUNG

Title (fr)
DISPOSITIF DE FRAGMENTATION DU LIT DE MATIÈRE

Publication
EP 2280782 A1 20110209 (DE)

Application
EP 09753645 A 20090522

Priority
• EP 2009003642 W 20090522
• DE 102008025373 A 20080527

Abstract (en)
[origin: CA2724484A1] An apparatus (10) for the material-bed comminution of wet conglomerates, in particular of wet coke, has a storage container for material which is comminuted and also a material-bed roller mill (20). For efficient grinding, the storage container is configured as a storage silo (12) with a two-dimensionally moving discharging screw (14), wherein the material which is to be comminuted is directed out of the storage silo (12), by the discharging screw (14), to a compacting screw (18), which is arranged immediately upstream of the material-bed roller mill (20) and has at least one non-continuous screw blade (30).

IPC 8 full level
B02C 23/02 (2006.01); **B02C 4/28** (2006.01); **B65G 65/40** (2006.01)

CPC (source: EP US)
B02C 4/286 (2013.01 - EP US); **B02C 23/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2009143990A1

Cited by
CN109092540A

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008025373 B3 20090917; AU 2009253388 A1 20091203; AU 2009253388 B2 20130620; CA 2724484 A1 20091203; CA 2724484 C 20130205; EA 019436 B1 20140331; EA 201071342 A1 20110630; EP 2280782 A1 20110209; UA 104143 C2 20140110; US 2011168823 A1 20110714; US 8336798 B2 20121225; WO 2009143990 A1 20091203; WO 2009143990 A8 20100225

DOCDB simple family (application)
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