

Title (en)
ROLLER PRESS WITH MOMENT SCALE

Title (de)
ROLLENPRESSE MIT MOMENTENWAAGE

Title (fr)
PRESSE A ROULEAUX AVEC BALANCE DE MOMENT

Publication
EP 2582457 B1 20141029 (DE)

Application
EP 11719234 A 20110506

Priority
• DE 102010024231 A 20100618
• EP 2011057305 W 20110506

Abstract (en)
[origin: WO2011157483A1] The invention relates to a roller press (100) for the pressure treatment or compaction of granular material, having at least two rolls (110, 120) formed as freely rotating rolls, in each case rotatably mounted in a machine frame (171) by a shaft (111, 112, 121, 122), driven in opposite directions and separated from one another by a roll gap (115), wherein the shafts (111, 112, 121, 122) of the rolls (110, 120) are accommodated in bearing housings (130, 140, 100, 160) movably mounted in the machine frame (171) and wherein in each case two bearing housings (130, 140, 150, 160) arranged on one side of the rolls (110, 120) and belonging to different rolls (110, 120) are connected to each other via at least one pressure cylinder (210, 210', 220, 220', 230, 230', 240, 240'). According to the invention, the connection between the bearing housings (130, 140, 150, 160) in each case has at least one torque balance (250, 250', 260, 260'). In this way, the structure of a roller press having roller centering is simplified as compared with the prior art and can be produced more cost-effectively.

IPC 8 full level
B02C 4/32 (2006.01); **B30B 3/04** (2006.01)

CPC (source: EP US)
B02C 4/32 (2013.01 - EP US); **B30B 3/04** (2013.01 - EP US); **B30B 15/00** (2013.01 - US); **B30B 15/04** (2013.01 - EP US)

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 102010024231 A1 20111222; DE 102010024231 B4 20150212; AU 2011267295 A1 20121213; AU 2011267295 B2 20160225; BR 112012030316 A2 20160809; CN 102947003 A 20130227; CN 102947003 B 20150107; DK 2582457 T3 20150126; EP 2582457 A1 20130424; EP 2582457 B1 20141029; RU 2013102117 A 20140727; RU 2560561 C2 20150820; US 2013087054 A1 20130411; US 9108377 B2 20150818; WO 2011157483 A1 20111222

DOCDB simple family (application)
DE 102010024231 A 20100618; AU 2011267295 A 20110506; BR 112012030316 A 20110506; CN 201180028898 A 20110506; DK 11719234 T 20110506; EP 11719234 A 20110506; EP 2011057305 W 20110506; RU 2013102117 A 20110506; US 201113703684 A 20110506