

Title (en)

METHOD AND DEVICE FOR EXTERNAL LUBRICATION OF PRESS ROLLS OF A ROLLER COMPACTION PLANT AND AN APPLICATION OF THE METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUR EXTERNEN SCHMIERUNG VON PRESSWALZEN EINER WALZENKOMPAKTIERANLAGE, SOWIE ANWENDUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA LUBRIFICATION EXTERNE DE CYLINDRES DE PRESSE DANS UNE INSTALLATION DE COMPACTAGE À CYLINDRES, ET APPLICATION DU PROCÉDÉ

Publication

EP 3102403 A1 20161214 (DE)

Application

EP 15703727 A 20150123

Priority

- CH 1472014 A 20140205
- CH 2015000006 W 20150123

Abstract (en)

[origin: WO2015117252A1] In a method for external lubrication of the press rolls (2 or 2.1<sb />) of a roller compaction plant (1) by means of a continuous coating of said press rolls (2 or 2.1), a thin layer of lubricant and/or non-stick agents are continuously provided to coat the press rolls (2 or 2.1). This coating preferably contains magnesium stearate or a mixture containing magnesium stearate. To carry out the method, at least one coating device (13, 14, 15 or 13.1, 14.1, 15.1) is arranged in a housing in which the press rolls (2 and 2.1) are arranged, by means of which coating device at least one press roll is provided with a thin coating of lubricant and/or non-stick agents, preferably with magnesium stearate or a mixture containing magnesium stearate. The method is used for manufacturing dry granules in the pharmaceutical and food industries.

IPC 8 full level

B30B 3/00 (2006.01); **B30B 15/00** (2006.01)

CPC (source: EP KR US)

A61J 3/00 (2013.01 - US); **B30B 3/00** (2013.01 - KR); **B30B 11/18** (2013.01 - EP US); **B30B 15/0088** (2013.01 - EP KR US); **B30B 15/308** (2013.01 - EP US); **B01J 2/22** (2013.01 - US); **B30B 3/00** (2013.01 - US)

Citation (search report)

See references of WO 2015117252A1

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

CH 2015000006 W 20150123; CA 2938916 A 20150123; CH 1472014 A 20140205; CN 201580007614 A 20150123; EP 15703727 A 20150123; JP 2016568091 A 20150123; KR 20167022276 A 20150123; US 201515117144 A 20150123