Title (en)

Method and apparatus for simulating the movement with friction of at least an upper punch and/or at least a lower punch in a rotary tabletting press

Title (de)

Verfahren und Vorrichtung zur Simulation einer Schwergängigkeit wenigstens eines Oberstempels und/oder wenigstens eines Unterstempels einer Rundläufer-Tablettiermaschine

Title (fr)

Procédé et appareil pour la simulation le mouvement avec friction d'au moins un poinçon supérieur et/ou d'au moins un poinçon inférieur dans une presse pour comprimés à table rotative

Publication

EP 1714775 A3 20080730 (DE)

Application

EP 06112845 A 20060420

Priority

DE 102005019132 A 20050420

Abstract (en)

[origin: EP1714775A2] The method involves exerting a defined force on a top stamp or a bottom stamp in a defined angularity of a rotor (12), during a rotation of the rotor of a rotating-tablet machine. Guiding curves of the stamps are operated on a sensor in a defined angularity of the rotor. The number of revolutions of the rotors is steered by the sensor in dependence of the measured force. An output signal of the sensor is calibrated by the force. An independent claim is also included for a device for simulation of sluggishness of movement of top or bottom stamp of a rotating-tablet machine.

IPC 8 full level

B30B 11/08 (2006.01); **B30B 11/00** (2006.01); **B30B 15/14** (2006.01)

CPC (source: EP)

B30B 11/005 (2013.01); **B30B 11/08** (2013.01)

Citation (search report)

- [PX] WO 2005068170 A1 20050728 - IMA SPA [IT], et al
- [X] DE 19854074 A1 20000525 - HENKEL KGAA [DE]
- [X] DE 565869 C 19321208 - PETER JOSEPH SPENGLER, et al

Cited by

CN103717386A; CN105115662A; EP3501811A1; CN114667212A; KR20220084390A; JP2022553064A; US9664582B2; WO2012152373A1; WO2021079259A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1714775 A2 20061025; **EP 1714775 A3 20080730**; DE 102005019132 A1 20061026; DE 102005019132 B4 20070816

DOCDB simple family (application)

EP 06112845 A 20060420; DE 102005019132 A 20050420