

Title (en)
INDIVIDUAL SORTING DEVICE FOR SORTING TABLETS, SYSTEM WITH SUCH AN INDIVIDUAL SORTING DEVICE AND WITH A TABLETING DEVICE, AND METHOD FOR CHECKING AN INDIVIDUAL SORTING DEVICE

Title (de)
EINZELSORTIERVORRICHTUNG ZUR SORTIERUNG VON TABLETTEN, SYSTEM MIT EINER SOLCHEN EINZELSORTIERVORRICHTUNG UND MIT EINER TABLETTIERVORRICHTUNG UND VERFAHREN ZUR ÜBERPRÜFUNG EINER EINZELSORTIERVORRICHTUNG

Title (fr)
DISPOSITIF DE TRI UNITAIRE DE COMPRIMÉS, SYSTÈME ÉQUIPÉ D'UN TEL DISPOSITIF DE TRI UNITAIRE ET D'UN DISPOSITIF DE PASTILLAGE ET PROCÉDÉ DE CONTRÔLE D'UN DISPOSITIF DE TRI UNITAIRE

Publication
EP 2958741 B1 20190724 (DE)

Application
EP 14702239 A 20140129

Priority
• DE 102013202975 A 20130222
• EP 2014051727 W 20140129

Abstract (en)
[origin: WO2014127965A1] The invention relates to an individual sorting device (10) for sorting tablets which have been pressed by a tableting machine using press punches. The individual sorting device (10) comprises a tablet feed (20), a pressing force signal input (30) for receiving pressing force signals which can be assigned to the fed tablets, a programmable control unit (40), and a storage unit (50). The individual sorting device (10) is suitable for separating tablets to which an unacceptable pressing force signal can be assigned, said unacceptable pressing force signal lying outside of an accepted pressing force range, from tablets to which an acceptable pressing force signal can be assigned, said acceptable pressing force signal lying within the accepted pressing force range. A test control program is stored in the storage unit (50) for programming the control unit (40) for a test operation of the individual sorting device (10), and during the test operation, the test control program includes the offset application of pressing force signals which can be assigned to tablets that have been pressed by at least one of the pressing punches of the tableting machine. The invention further relates to a system comprising a tableting device with multiple pressing punches and with an individual sorting device (10) and to a method for checking a proper functioning of an individual sorting device (10) for a tableting device with pressing punches.

IPC 8 full level
B30B 11/00 (2006.01); **B07C 5/02** (2006.01); **B07C 5/34** (2006.01); **B30B 11/08** (2006.01); **B30B 15/32** (2006.01); **G07C 3/14** (2006.01)

CPC (source: EP KR US)
B07C 5/02 (2013.01 - KR); **B07C 5/34** (2013.01 - US); **B30B 11/005** (2013.01 - EP KR US); **B30B 11/08** (2013.01 - EP KR US); **B30B 15/32** (2013.01 - EP KR US); **G07C 3/143** (2013.01 - EP KR US)

Citation (examination)
• JP 2002156333 A 20020531 - NIPPON KOKAN KK
• WO 2012153283 A1 20121115 - IMA KILIAN GMBH & CO KG [DE], et al

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 102013202975 A1 20140828; **DE 102013202975 B4 20150205**; CN 105008120 A 20151028; CN 105008120 B 20170531; EP 2958741 A1 20151230; EP 2958741 B1 20190724; ES 2748059 T3 20200312; JP 2016508881 A 20160324; JP 6068682 B2 20170125; KR 101772368 B1 20170828; KR 20150120459 A 20151027; KR 20170054570 A 20170517; PL 2958741 T3 20200131; US 2015375268 A1 20151231; US 9950347 B2 20180424; WO 2014127965 A1 20140828

DOCDB simple family (application)
DE 102013202975 A 20130222; CN 201480010029 A 20140129; EP 14702239 A 20140129; EP 2014051727 W 20140129; ES 14702239 T 20140129; JP 2015558387 A 20140129; KR 20157025589 A 20140129; KR 20177012475 A 20140129; PL 14702239 T 20140129; US 201414769460 A 20140129