

Title (en)

DRUG DIVIDING AND PACKAGING DEVICE

Title (de)

VORRICHTUNG ZUM TEILEN UND VERPACKEN VON ARZNEIMITTELN

Title (fr)

DISPOSITIF DE SÉPARATION ET D'EMBALLAGE DE MÉDICAMENT

Publication

EP 2853496 A4 20160113 (EN)

Application

EP 13793203 A 20130522

Priority

- JP 2012117385 A 20120523
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Abstract (en)

[origin: EP2853496A1] Provided is a medicine dispensing and packing apparatus including a sheet feeding apparatus, a medicine putting unit, a sealing apparatus, and a control unit. The control unit controls the sheet feeding apparatus and the sealing apparatus to pack medicine. A plurality of packets formed by the sheet feeding apparatus and the sealing apparatus include a plurality of medicine-containing packets and a plurality of empty packets in which the medicine is not packed. The control unit controls the sheet feeding apparatus and the sealing apparatus to: form the plurality of empty packets upstream of the plurality of medicine-containing packets in the feeding direction; and form at least one empty packet of the plurality of empty packets such that the lengthwise size thereof is smaller than that of each of the plurality of medicine-containing packets.

IPC 8 full level

B65B 57/00 (2006.01); **A61J 1/00** (2006.01); **B65B 9/06** (2012.01); **B65B 51/28** (2006.01); **B65B 61/02** (2006.01)

CPC (source: CN EP US)

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B65B 61/02 (2013.01 - CN US); **B65B 61/025** (2013.01 - CN EP US); **B65B 61/18** (2013.01 - EP); **B65B 2220/22** (2013.01 - EP)

Citation (search report)

- [Y] EP 2336032 A1 20110622 - YUYAMA MFG CO LTD [JP]
- [Y] US 5722215 A 19980303 - YUYAMA SHOJI [JP]
- [A] JP 2009083894 A 20090423 - FUJI MACHINERY CO
- [A] JP 2012041050 A 20120301 - KAWASHIMA PACKAGING MACH
- [A] US 5839257 A 19981124 - SODERSTROM JAN [US], et al
- [A] WO 0032477 A1 20000608 - AUTOMED TECHNOLOGIES INC [US], et al
- [A] US 2004124115 A1 20040701 - NISHIMURA YASUTOSHI [JP], et al
- [A] US 6212853 B1 20010410 - YUYAMA HIROYUKI [JP], et al
- [A] US 5875610 A 19990302 - YUYAMA SHOJI [JP], et al
- See references of WO 2013176170A1

Designated contracting state (EPC)

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CA 2874393 A1 20131128; CN 104334454 A 20150204; CN 106892165 A 20170627; HK 1205726 A1 20151224; JP 2013244966 A 20131209;
JP 6108686 B2 20170405; KR 102045888 B1 20191118; KR 20150009958 A 20150127; US 2015101282 A1 20150416;
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