

Title (en)  
CARTRIDGE, PHARMACEUTICAL DISPENSER FOR SOLID PHARMACEUTICAL PORTIONS AND APPLICATIONS OF SAID CARTRIDGE AND SAID PHARMACEUTICAL DISPENSER

Title (de)  
KARTUSCHE, ARZNEIMITTELSPENDER FÜR FESTSTOFF-ARZNEIMITTELPORCIONEN SOWIE VERWENDUNGEN DER KARTUSCHE UND DES ARZNEIMITTELSPENDERS

Title (fr)  
CARTOUCHE, DISTRIBUTEUR DE MÉDICAMENT POUR DOSES DE MÉDICAMENT SOLIDES ET UTILISATIONS DE CETTE CARTOUCHE ET DE CE DISTRIBUTEUR DE MÉDICAMENT

Publication  
**EP 2370045 B1 20140101 (DE)**

Application  
**EP 09759880 A 20091114**

Priority  
• EP 2009008123 W 20091114  
• DE 102008059672 A 20081126  
• DE 102008059674 A 20081126  
• DE 102008059675 A 20081126

Abstract (en)  
[origin: WO2010060546A1] The invention relates to the safe storage and simple and safe taking of tablets T by a user by means of a cartridge (900) that can be used in a pharmaceutical dispenser (1) for solid pharmaceutical portions T and that is designed having a storage space for accommodating the pharmaceutical portions T, and by means of a pharmaceutical dispenser (1) for this cartridge (900). According to the invention, the cartridge (900) comprises a separation device (910) that is designed to dispense defined pharmaceutical portions T and that comprises a movable device (940) for separating a defined pharmaceutical portion T from the storage space and for releasing out of the pharmaceutical dispenser (1) and wherein the separation device (910) is designed for creating an operative connection to an activation device (14, 220, 224, 226; 15, 210; 230) in the pharmaceutical dispenser (1).

IPC 8 full level  
**A61J 7/00** (2006.01); **A61J 1/03** (2006.01); **B65D 83/04** (2006.01)

CPC (source: EP KR US)  
**A61J 7/0076** (2013.01 - EP KR US); **A61J 7/0084** (2013.01 - KR); **A61J 7/0427** (2015.05 - KR); **A61J 7/0481** (2013.01 - KR); **B65D 83/0418** (2013.01 - EP KR US); **A61J 1/03** (2013.01 - EP US); **B65D 2583/0409** (2013.01 - KR); **B65D 2583/0431** (2013.01 - EP US); **B65D 2583/0481** (2013.01 - EP US)

Cited by  
US11744413B2; US11744412B2

Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2010060546 A1 20100603; WO 2010060546 A8 20110728**; AR 074408 A1 20110112; AU 2009319435 A1 20100603; AU 2009319435 B2 20150115; BR PI0921220 A2 20160223; BR PI0921220 A8 20171031; CA 2744366 A1 20100603; CN 102264336 A 20111130; CN 102264336 B 20151021; CR 20110278 A 20110707; CU 20110120 A7 20120621; CU 24013 B1 20140627; CY 1115007 T1 20161214; DK 2370045 T3 20140407; DO P2011000156 A 20110715; EA 020889 B1 20150227; EA 201100791 A1 20120130; EC SP11011085 A 20110630; EP 2370045 A1 20111005; EP 2370045 B1 20140101; ES 2456348 T3 20140422; HK 1160762 A1 20120817; HN 2011001406 A 20150202; HR P20140305 T1 20140509; IL 212789 A0 20110731; IL 212789 A 20160531; JP 2012509727 A 20120426; JP 2015091324 A 20150514; JP 6138748 B2 20170531; KR 101724164 B1 20170406; KR 20110092284 A 20110817; MA 32832 B1 20111101; MX 2011005599 A 20110621; MY 155385 A 20151015; NZ 593014 A 20140430; PE 20120248 A1 20120318; PL 2370045 T3 20140630; PT 2370045 E 20140407; RS 53243 B 20140829; SI 2370045 T1 20140530; TN 2011000269 A1 20121217; TW 201034655 A 20101001; TW I462737 B 20141201; US 2012055948 A1 20120308; US 9505544 B2 20161129; UY 32272 A 20100630

DOCDB simple family (application)  
**EP 2009008123 W 20091114**; AR P090104563 A 20091126; AU 2009319435 A 20091114; BR PI0921220 A 20091114; CA 2744366 A 20091114; CN 200980152888 A 20091114; CR 20110278 A 20110526; CU 20110120 A 20110526; CY 141100248 T 20140331; DK 09759880 T 20091114; DO 2011000156 A 20110526; EA 201100791 A 20091114; EC SP11011085 A 20110526; EP 09759880 A 20091114; ES 09759880 T 20091114; HK 12101125 A 20120207; HN 2011001406 A 20110526; HR P20140305 T 20140331; IL 21278911 A 20110509; JP 2011537869 A 20091114; JP 2014243837 A 20141202; KR 20117011907 A 20091114; MA 33893 A 20110526; MX 2011005599 A 20091114; MY PI20112361 A 20091114; NZ 59301409 A 20091114; PE 2011001099 A 20091114; PL 09759880 T 20091114; PT 09759880 T 20091114; RS P20140154 A 20091114; SI 200930893 T 20091114; TN 2011000269 A 20110524; TW 98140139 A 20091125; US 200913131465 A 20091114; UY 32272 A 20091126