

Title (en)
PILL-DISPENSER

Title (de)
TABLETTENSPENDER

Title (fr)
DISTRIBUTEUR DE COMPRIMES

Publication
EP 1644267 B1 20100519 (DE)

Application
EP 04740401 A 20040629

Priority
• EP 2004007004 W 20040629
• DE 20310187 U 20030702

Abstract (en)
[origin: WO2005002991A1] The invention relates to a pill-dispenser (1) for distributing pills one-by-one comprising a casing (20) and an internal element (10) which is slidingly insertable therein and displaceable therein along a limited distance. Said internal element comprises a pill storage chamber (12), a pill output channel (13) and a return spring (14) supported by the casing (20), for example by the surface (22) of the casing (20) bottom. The inventive pill-dispenser is characterised in that the internal element (10) is made of a material, for instance polypropylene (PP) whose elasticity is less than that of polyoxymethylen (POM) and the return spring (14k) prevents the premature spring force decrease thanks to a certain combination of the spring shape, material and the fixing point thereof to the internal element (10).

IPC 8 full level
B65D 83/04 (2006.01)

CPC (source: EP)
B65D 83/0409 (2013.01); **B65D 2583/0481** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005002991 A1 20050113; AT E468285 T1 20100615; DE 20310187 U1 20041111; DE 502004011180 D1 20100701;
EP 1644267 A1 20060412; EP 1644267 B1 20100519; ES 2343006 T3 20100721; RU 2005123814 A 20060127; RU 2299165 C2 20070520

DOCDB simple family (application)
EP 2004007004 W 20040629; AT 04740401 T 20040629; DE 20310187 U 20030702; DE 502004011180 T 20040629; EP 04740401 A 20040629;
ES 04740401 T 20040629; RU 2005123814 A 20040629