

Title (en)

MACHINE FOR FILLING AND CLOSING TWO-PART CAPSULES

Title (de)

MASCHINE ZUM FÜLLEN UND VERSCHLIESSEN VON ZWEITEILIGEN KAPSELN

Title (fr)

MACHINE POUR REMPLIR ET FERMER DES CAPSULES EN DEUX PARTIES

Publication

EP 1682070 B1 20100811 (DE)

Application

EP 04791142 A 20041004

Priority

- EP 2004052430 W 20041004
- DE 10351212 A 20031103

Abstract (en)

[origin: WO2005041849A1] The invention relates to a machine for filling and closing two-part capsules (C), particularly hard gelatin capsules. The machine comprises a capsule conveying device having cavities (14A) for accommodating one capsule (C) at a time. In addition, the machine comprises at least one capsule ejecting station (XI) that has a capsule ejecting device (19) for axially ejecting the capsules (C) from their respective cavity (14A), has guide flaps (24A, 24B), which can be individually actuated by an actuating device (39), can swivel in relation to a swivel pin (31), are each assigned to a capsule cavity (14a), and which each have two guideways (33A, 34A). Said guideways are provided for the respectively assigned capsule (A) and can be actuated by the actuating device (39). The inventive machine also comprises dividing walls that separate the guideways (33A, 34A) of adjacent guide flaps (24A, 24B) from one another. The dividing walls are each an integrated component of a guide flap (24A, 24B).

IPC 8 full level

A61J 3/07 (2006.01)

CPC (source: EP US)

A61J 3/074 (2013.01 - EP US)

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

WO 2005041849 A1 20050512; CN 100435769 C 20081126; CN 1874745 A 20061206; DE 10351212 A1 20050602; DE 502004011528 D1 20100923; EP 1682070 A1 20060726; EP 1682070 B1 20100811; US 2007044433 A1 20070301

DOCDB simple family (application)

EP 2004052430 W 20041004; CN 200480032725 A 20041004; DE 10351212 A 20031103; DE 502004011528 T 20041004; EP 04791142 A 20041004; US 57799304 A 20041004