

Title (en)

Device for feeding disc shaped objects, in particular tablets, to a sealing apparatus

Title (de)

Vorrichtung zum Zuführen von scheibenförmigen Gegenständen, insbesondere Tabletten, zu Siegelwerkzeugen

Title (fr)

Dispositif pour alimenter des objets en forme de disque, en particulier des comprimés, vers un dispositif de soudage

Publication

**EP 1712473 A1 20061018 (DE)**

Application

**EP 06006884 A 20060331**

Priority

DE 102005017509 A 20050415

Abstract (en)

The device for the feeding of flat, disc-form objects (1) such as pharmaceutical tablets to sealing tools (50,60) for packing the objects in foil has a guide track (3) in which engages a first feed device (10) which pushes the objects onto one another in an accumulation, a second feed device (20) which singles out the objects from the accumulation, and a third feed device (30) which slides the separated objects from the guide track horizontally positionally correct into the sealing tools. An independent claim is included for a use for the feed device which is for the feeding of round tablets with a diameter of 16 to 30 mm, preferably 25 mm, and a thickness of 3 to 8 mm, and which are fed lying flat.

IPC 8 full level

**B65B 35/20** (2006.01); **B65B 9/04** (2006.01); **B65B 35/26** (2006.01)

CPC (source: EP)

**B65B 9/045** (2013.01); **B65B 35/20** (2013.01); **B65B 35/26** (2013.01)

Citation (search report)

- [A] US 5345750 A 19940913 - GRIES MANFRED [DE], et al
- [A] AT 261496 B 19680425 - BOCKENHEIMER BROTFABRIK FERDIN [DE]
- [A] GB 972706 A 19641014 - KURT KOERBER
- [A] GB 1457611 A 19761208 - SAPAL PLIEUSES AUTOMATIQUES
- [A] EP 1508519 A1 20050223 - MARS INC [US]
- [A] US 3717236 A 19730220 - NEW J
- [A] EP 1382532 A1 20040121 - AETNA GROUP SPA [IT]
- [A] US 2005061620 A1 20050324 - BONNAIN JEAN-CHRISTOPHE [FR], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1712473 A1 20061018**; **EP 1712473 B1 20080820**; AT E405491 T1 20080915; DE 102005017509 B3 20060614; DE 502006001359 D1 20081002; ES 2308620 T3 20081201

DOCDB simple family (application)

**EP 06006884 A 20060331**; AT 06006884 T 20060331; DE 102005017509 A 20050415; DE 502006001359 T 20060331; ES 06006884 T 20060331