

Title (en)

Machine for metering pharmaceutical products, particularly into capsules.

Title (de)

Vorrichtung zum Dosieren von pharmazeutischen Produkten, insbesondere in Kapseln.

Title (fr)

Machine à doser des produits pharmaceutiques, en particulier dans des gélules.

Publication

EP 0451730 A1 19911016 (EN)

Application

EP 91105443 A 19910405

Priority

IT 344390 A 19900412

Abstract (en)

A machine (1) comprising: a rotary bottom portion (5) in which are formed holes (22) engaged by mobile pistons (11); a belt (13) conveying capsules (15); a rotary top portion (3) having a container (6) for a pharmaceutical product; a rotary center portion (4) integral with the bottom portion (5) and top portion (3); holes (34) formed in the center portion (4); valves (8) designed, at each turn, to travel along a respective hole (34) between a first position wherein the container (6) communicates with a hole (22) and the respective piston (11) moves down to draw in the product, and a second position wherein the piston (11) moves up, and an opening (51) is opened for feeding a given quantity of the product into a capsule (15) underneath; and a mechanism (44, 64, 65) for controlling displacement of the valves (8). <IMAGE>

IPC 1-7

A61J 3/07

IPC 8 full level

A61J 3/07 (2006.01); **B65B 1/30** (2006.01); **B67C 3/00** (2006.01)

CPC (source: EP)

A61J 3/074 (2013.01)

Citation (search report)

- [A] DE 3432992 A1 19850328 - MG 2 SPA [IT]
- [A] FR 2403471 A1 19790413 - BOSCH GMBH ROBERT [DE]
- [A] DE 3318810 A1 19831201 - MG 2 SPA [IT]
- [AP] WO 9007695 A2 19900712 - UNISABI SA [FR]

Cited by

EP1018330A3

Designated contracting state (EPC)

CH DE FR IT LI

DOCDB simple family (publication)

EP 0451730 A1 19911016; BR 9101476 A 19911126; IT 1238551 B 19930818; IT 9003443 A0 19900412; IT 9003443 A1 19911012; JP H0692393 A 19940405

DOCDB simple family (application)

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