Title (en)

INSTALLATION FOR FILLING PACKAGING UNITS WITH MEDICAMENTS FOR PATIENTS ACCORDING TO THE PRESCRIBED WEEKLY REQUIREMENTS

Title (de)

ANLAGE ZUR BESTÜCKUNG VON VERPACKUNGSEINHEITEN MIT DEM VERORDNUNGSGEMÄSSEN WOCHENBEDARF VON PATIENTEN ENTSPRECHENDEN MEDIKAMENTEN

Title (fr)

INSTALLATION POUR REMPLIR DES UNITES D'EMBALLAGE AVEC DES MEDICAMENTS, EN FONCTION DES BESOINS HEBDOMADAIRES DE PATIENTS DEFINIS PAR UNE PRESCRIPTION MEDICALE

Publication

EP 1740459 A1 20070110 (DE)

Application

EP 05706833 A 20050103

Priority

- EP 2005000002 W 20050103
- DE 102004020510 A 20040426

Abstract (en)

[origin: US2008190076A1] The invention relates to an installation for filling weekly blister packs, i.e. packaging units (11), with doses of different medicaments corresponding to the weekly requirements of several patients and to be taken by the respective patient in a certain order according to the day of the week and the time of the day, according to a doctor's prescription. Said installation is provided with output stations (19) associates with the medicaments, for automatically filling all or selected compartments (12) line-by-line. A longitudinal transport device (14) is used to sequentially transport the weekly blister packs to the output stations (16) that are individually associated with the different medicaments. The medicament doses are supplied to the output stations by means of transversal transport devices (17) individually associated with the medicaments. The longitudinal transport device and the transversal transport devices are co-ordinated in terms of transport course and transport capacity, in such a way that for each transport course of the weekly blister pack (11), in the direction of the gaps of the receiving compartment arrangement, and for each transport course of the transversal transport devices, in the linear direction of the receiving compartment arrangement, the receiving compartments (12) can be filled sequentially line-by-line, during synchronised stationary phases of the blister pack and medicament transport cycles. In order to control the output stations (16) in such a way as to fill the weekly blister pack with the prescribed medicament, an electronic control unit (41) processes information about patients, said information being continuously supplied to said unit in such a way that it is synchronised with the blister pack advancing movements.

IPC 8 full level

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CPC (source: EP US)

B65B 5/103 (2013.01 - EP US); **B65B 57/06** (2013.01 - EP US); A61J 1/035 (2013.01 - EP US); A61J 7/04 (2013.01 - EP US)

Citation (search report)

See references of WO 2005102841A1

Citation (third parties)

Third party :

- EP 1176106 B1 20061213 - ASSIST PUBL HOPITAUX DE PARIS [FR], et al
- US 3732544 A 19730508 - OBLAND D

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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