

Title (en)
Automatic pill dispenser

Title (de)
Automatische Pillenspender

Title (fr)
Distributeur automatique de pilules

Publication
EP 0709078 A1 19960501 (EN)

Application
EP 94117137 A 19941029

Priority
EP 94117137 A 19941029

Abstract (en)
An upper circular tray (26,27,28) comprises a series of containers (2,3,21,22) mounted on axles (4,5) and arranged in seven groups of four. Each group of four holds the daily medications (AM, Noon, PM, and Evening) for a particular day of the week. The tray rotates about a vertical axis (1) and at the prescribed time each container's contents are dumped through a funnel (11) into a pill server container (15) where the patient can remove the medications. If the patient does not remove the medications from the pill server container within an allotted time, they are dumped through another funnel (29) into a corresponding container (35, 64) of a lower tray (36) that is correlated with the container of the upper tray that dumped the medications into the pill server container. The lower tray rotates synchronously with the upper tray. A middle part (19, 20) that causes dumping of the pill server container rotates synchronously with both upper and lower trays. <IMAGE>

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A61J 1/00; A61J 7/04

IPC 8 full level
A61J 7/04 (2006.01)

CPC (source: EP)
A61J 7/0481 (2013.01)

Citation (search report)
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WO9743999A1; WO9704734A1

Designated contracting state (EPC)
DE FR GB

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