

Title (en)
SYSTEM FOR MONITORING ADMINISTERING OF MEDICATION

Title (de)
SYSTEM ZUR KONTROLLE EINER MEDIKAMENTENEINNAHME

Title (fr)
SYSTÈME POUR CONTRÔLER UN PROCESSUS DE PRISE DE MÉDICAMENTS

Publication
EP 2160172 A2 20100310 (DE)

Application
EP 08801461 A 20080612

Priority
• EP 2008004709 W 20080612
• CH 10052007 A 20070622

Abstract (en)
[origin: WO2009000424A2] Disclosed is a system for reminding a patient to take medicine and verifying that the patient has taken the medicine from a push-through pack (10). Said system comprises: - a push-through pack (10) encompassing a bottom blister part (12) with at least one receptacle that is molded from a bottom film and contains a tablet (16) or a similar portion of medicine, and a cover film (18) which can be perforated and is sealed against the bottom blister part (12), a bipolar resistance network of strip conductors (80) that is arranged on the cover film (12), said strip conductors (80) being arranged in the form of electric resistors which extend across each receptacle and are connected in parallel, the strip conductor (80) that extends across a receptacle (14) being interrupted and the total resistance of the remaining network of strip conductors thus increasing when said receptacle (14) is opened; - an RFID tag (70 a) which is disposed on the push-through pack (10) and is fitted with an RFID chip (72 a) with evaluation electronics and an analog/digital converter for electrically contacting the bipolar resistance network in order to identify interrupted strip conductors (80), said bipolar resistance network being connected to the RFID chip (72 a) in a bipolar manner as part of a voltage divider; - software that is allocated to the evaluation electronics and is equipped with a storage unit for reading and storing data containing instructions for a patient to take the medicine; and - an optional means of communication (42) which is assigned to the patient and has input and output means for receiving and transmitting information.

IPC 8 full level
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CPC (source: EP US)
A61J 1/035 (2013.01 - EP US); **A61J 7/04** (2013.01 - EP); **G01D 5/16** (2013.01 - EP); **G01D 21/00** (2013.01 - EP); **G16H 20/13** (2017.12 - EP US); **A61J 7/0436** (2015.05 - EP); **A61J 7/0472** (2013.01 - EP); **A61J 2200/30** (2013.01 - EP)

Citation (search report)
See references of WO 2009000424A2

Cited by
CN110459311A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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