

Title (en)

Dispenser with electronic counter

Title (de)

Spender mit elektronischem Zähler

Title (fr)

Distributeur avec un compteur électronique

Publication

**EP 2177141 B1 20160727 (DE)**

Application

**EP 09013095 A 20091016**

Priority

DE 202008013903 U 20081017

Abstract (en)

[origin: EP2177141A2] The dispenser (1) has a pump mechanism and a covering panel (2) arranged in a dispenser housing (6). The covering panel is attached to a part of the dispenser housing, and a dispenser input is disconnected from the covering panel in an opening position. The covering panel covers the dispenser input in a closing position (23), where the pump mechanism is operated in both the opening and closing positions. A counting device is arranged on the covering panel for checking an operation of the pump mechanism, where the counting device is connected with the pump mechanism in the closing position.

IPC 8 full level

**A47K 5/12** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)

**A47K 5/1205** (2013.01); **A47K 5/1217** (2013.01); **B05B 11/108** (2023.01)

Cited by

EP2769318A4; EP3636348A1; CN112789119A; EP4166241A1; US11766688B2; WO2020074254A1; EP3263001B1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2177141 A2 20100421; EP 2177141 A3 20140212; EP 2177141 B1 20160727**; DE 202008013903 U1 20100415

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