

Title (en)

HOUSING OR HOUSING PART FOR SANITARY PRODUCT DISPENSER

Title (de)

GEHÄUSE ODER GEHÄUSETEIL FÜR HYGIENEARTIKELSPENDER

Title (fr)

BOÎTIER OU ÉLÉMENT DE BOÎTIER POUR DISTRIBUTEUR D'ARTICLE HYGIÉNIQUE

Publication

EP 2234530 B1 20190320 (DE)

Application

EP 09706051 A 20090114

Priority

- CH 2009000017 W 20090114
- CH 1372008 A 20080130

Abstract (en)

[origin: WO2009094790A1] A housing or housing part (2) for a sanitary product dispenser that can be fastened to a wall, comprising: A) a front (3) comprising a monitor (4), wherein B) the housing part (2) can be detachably fastened to a sanitary product dispenser, C) a microprocessor (10) is attached to the housing part (2), D) the housing part (2) comprises a probe (15), which emits electromagnetic or acoustic waves in a direction outside the housing part (2) and/or receives such waves from the outside and based on the emitted and/or received electromagnetic or acoustic waves transmits signals to the microprocessor (10), and wherein E) the microprocessor (10) is programmed in order to determine the presence of a user in the vicinity of the housing part (2) from the signals transmitted by the probe (15) to the microprocessor (10) and as a result switch on the monitor (4).

IPC 8 full level

A47K 5/12 (2006.01); **A47K 10/24** (2006.01); **A47K 10/38** (2006.01); **G09B 19/00** (2006.01); **G09F 27/00** (2006.01)

CPC (source: EP US)

A47K 5/1217 (2013.01 - EP US); **A47K 10/24** (2013.01 - EP US); **G09F 23/06** (2013.01 - EP US); **G09F 27/00** (2013.01 - EP US); **A47K 2010/389** (2013.01 - EP US); **G09F 2027/001** (2013.01 - EP US)

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 TR

DOCDB simple family (publication)

WO 2009094790 A1 20090806; CN 101932270 A 20101229; DK 2234530 T3 20190611; EP 2234530 A1 20101006; EP 2234530 B1 20190320; HU E043892 T2 20190930; JP 2011510714 A 20110407; JP 5739161 B2 20150624; PL 2234530 T3 20190830; SI 2234530 T1 20190531; TR 201907628 T4 20190621; US 2011046911 A1 20110224; US 8433535 B2 20130430

DOCDB simple family (application)

CH 2009000017 W 20090114; CN 200980103478 A 20090114; DK 09706051 T 20090114; EP 09706051 A 20090114; HU E09706051 A 20090114; JP 2010544552 A 20090114; PL 09706051 T 20090114; SI 200931956 T 20090114; TR 201907628 T 20090114; US 86482909 A 20090114