Title (en)

Product carrier and system composed of product carrier and receiver unit

Title (de)

Warenträger sowie System aus Warenträger und Empfangseinheit

Title (fr)

Porte marchandises tout comme système issu du porte marchandise et unité de réception

Publication

EP 2009793 B1 20091111 (DE)

Application

EP 07012416 A 20070625

Priority

EP 07012416 A 20070625

Abstract (en)

[origin: EP2009793A1] The support (1) has switches (S1, S2) of an integrated circuit (3) opened in openings of packaging units (V1, V2), respectively, where the switches are connected in parallel. The circuit is arranged to cooperate with an electronic unit (6) e.g. radio frequency identification (RFID)- microchip, to determine a value correlated to a filling degree of the support based on the number of closed and/or opened switches. An antenna (7) e.g. slot antenna, working with the electronic unit transmits the value, where the electric power for the electronic unit is introduced in a contactless manner. An independent claim is also included for a system comprising a goods support and a receiver device.

IPC 8 full level

H03K 17/18 (2006.01); **A61J 1/03** (2006.01); **B65D 75/36** (2006.01)

CPC (source: EP US)

A61J 1/035 (2013.01 - EP US)

Cited by

AT511037A1; AT511037B1; US10029856B2; US10315851B2; US10518981B2; US10850926B2; US11694782B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2009793 A1 20081231; **EP 2009793 B1 20091111**; AT E448601 T1 20091115; AU 2008267457 A1 20081231; AU 2008267457 B2 20110512; CN 101730975 A 20100609; DE 502007001974 D1 20091224; MX 2009012881 A 20100114; US 2010187243 A1 20100729; US 8456280 B2 20130604; WO 2009000426 A1 20081231

DOCDB simple family (application)

EP 07012416 A 20070625; AT 07012416 T 20070625; AU 2008267457 A 20080612; CN 200880021612 A 20080612; DE 502007001974 T 20070625; EP 2008004711 W 20080612; MX 2009012881 A 20080612; US 66598708 A 20080612