

Title (en)
Magnetic latch for movable receptacle

Title (de)
Magnetverschluss für einen schiebbaren Behälter

Title (fr)
Verrou magnétique pour un receptacle coulissant

Publication
EP 1776914 A1 20070425 (EN)

Application
EP 05109911 A 20051024

Priority
EP 05109911 A 20051024

Abstract (en)
The present invention relates to a cabinet apparatus (1) provided with means (11, 10, 12) adapted to effect outwardly movement of one or more receptacles (3) movably mounted in a compartment (2) of the cabinet (1). The cabinet apparatus (1) according to the invention comprises a compartment (2) having an access opening (6), a closure member (7) for exposing and closing said opening (6), at least one receptacle (3) in said compartment (2), mounting means (4) adapted to mount said receptacle (3) for movement outwardly relative to said compartment (2) and magnetic means (11) for interconnecting said receptacle (3) and said closure member (7) to effect movement of said receptacle (3) when the closure member (7) is opened. The apparatus (1) is characterised in that said magnetic means (11) are movable between a first operative position in which they effect movement of said receptacle (3) when the closure member (7) is opened and a second resting position in which the position of the receptacle (3) remains unchanged when the closure member (7) is opened.

IPC 8 full level
A47L 15/42 (2006.01); **A47L 15/50** (2006.01)

CPC (source: EP KR)
A47B 97/00 (2013.01 - KR); **A47L 15/4257** (2013.01 - EP); **A47L 15/507** (2013.01 - EP); **F24C 15/162** (2013.01 - EP)

Citation (search report)
• [AD] US 4087140 A 19780502 - LINSTROMBERG WILLIAM JOHN
• [A] GB 1028203 A 19660504 - PORLESTER LTD
• [A] DE 10253157 A1 20040527 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [A] DE 9211953 U1 19921022

Cited by
EP2596736A1; EP2060852A1; US9022018B2; US9743821B2; US12035845B1; US10004379B2; US9101258B2; US9572475B2;
US2013328463A1; EP2304322A4; AU2009238211B2; WO2015185231A1; US9307888B2; US9462926B2; US9687134B2; US9999337B2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1776914 A1 20070425; EP 1776914 B1 20090916; AT E442805 T1 20091015; AU 2006308202 A1 20070503; AU 2006308202 B2 20101014;
CA 2627237 A1 20070503; CA 2627237 C 20110920; CN 101296646 A 20081029; CN 101296646 B 20101110; DE 602005016689 D1 20091029;
KR 101249143 B1 20130329; KR 20080063485 A 20080704; RU 2008120620 A 20091210; RU 2405405 C2 20101210;
WO 2007048544 A1 20070503

DOCDB simple family (application)
EP 05109911 A 20051024; AT 05109911 T 20051024; AU 2006308202 A 20061020; CA 2627237 A 20061020; CN 200680039710 A 20061020;
DE 602005016689 T 20051024; EP 2006010122 W 20061020; KR 20087010278 A 20061020; RU 2008120620 A 20061020