

Title (en)

Household appliance with an electric controller and an accessory part

Title (de)

Haushaltgerät mit einer elektrischen Steuerung und einem Zuberhörteil

Title (fr)

Appareil ménager doté d'une commande électrique et d'un accessoire

Publication

EP 1795989 B1 20070829 (DE)

Application

EP 06024252 A 20061123

Priority

DE 102005058996 A 20051208

Abstract (en)

[origin: US2007133344A1] The invention relates to a household appliance with an electric control system (20), which is connected to an accessory part (12) for the household appliance in a signal-transmitting fashion, wherein the accessory part (12) can be moved back and forth between an active position and a resting position on the household appliance and, in the switched-on state of the household appliance, exchanges signals for controlling the household appliance with the electric control system (20), at least in the active position. In order to specify a household appliance in which the accessory part, in its resting position, is stored in the household appliance in such a way that the user can access the household appliance without obstruction and, at the same time, a high degree of security against malfunction is guaranteed, the signal exchange between the transmission or transmission/reception device (17) of the accessory part (12) and the electric control system (20) occurs wirelessly and the accessory part (12), in its resting position, is mounted in a storage element (6) of the household appliance at least partly consisting of an electrically conductive material, said storage element electrically shielding the transmission or transmission/reception device (17) of the accessory part (12) from the electric control system (20) so that signal exchange is prevented.

IPC 8 full level

G05D 23/19 (2006.01); **F24C 7/08** (2006.01); **G01K 1/02** (2006.01)

CPC (source: EP US)

F24C 7/085 (2013.01 - EP US); **F24C 15/02** (2013.01 - EP US); **F24C 15/18** (2013.01 - EP US)

Cited by

CN103619179A; CN110291330A; EP2239510A3; DE102010040954A1; WO2018153690A1; EP2239510A2; DE102009002216A1

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

DOCDB simple family (publication)

US 2007133344 A1 20070614; **US 7932483 B2 20110426**; AT E371886 T1 20070915; DE 102005058996 B3 20070201; DE 502006000078 D1 20071011; EP 1795989 A1 20070613; EP 1795989 B1 20070829

DOCDB simple family (application)

US 56762106 A 20061206; AT 06024252 T 20061123; DE 102005058996 A 20051208; DE 502006000078 T 20061123; EP 06024252 A 20061123