

Title (en)

Actuation and/or locking device for household appliances having an improved actuation control system

Title (de)

Betätigungs- und/oder Verriegelungsvorrichtung für Haushaltsgeräte mit verbessertem System zur Steuerung der Betätigungsvorrichtung

Title (fr)

Dispositif d'actionnement et/ou de verrouillage pour des appareils domestiques pourvus d'un système de commande amélioré

Publication

**EP 1498796 A1 20050119 (EN)**

Application

**EP 04016491 A 20040713**

Priority

IT TO20030554 A 20030717

Abstract (en)

The present invention relates to an actuation and/or locking device for use in a household appliance in connection with a control system for the same device (DB), wherein the device (DB) comprises: a body (FR), for being fastened to at least a part (SS) of the household appliance (F), first actuation means (TA,TA1), for commanding the actuation to be performed, second actuation and/or locking means (B), for exploiting the actuation produced by the first actuation means (TA,TA1), a kinematic system (C) associated with the first actuation means (TA,TA1) and the second actuation and/or locking means (B), for transferring the motion from the first actuation means (TA,TA1) to the second actuation and/or locking means (B), detection means (DR,C1A,C2A) for detecting the operation of the actuation and/or locking device (DB), comprising information transducer means (SO1,SO2), electric connection means (CS,SP,SPT), for connecting the detection means (DR,C1A,C2A) and/or the first actuation means (TA,TA1) to the control system of the household appliance (F) for receiving information generated and transmitted by the detection means (DR,C1A,C2A) as well as for commanding the actuation of the first actuation means (TA,TA1). The peculiarity of the actuation and/or locking device consists in the fact that both the at least part of the transducer means (SO1,SO2) and at least a part of the electric connection means (CS,SP,SPT) are integrated into a single module (DR) suitable for being mounted or assembled in association with the actuation and/or locking device (DB). <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XDY] EP 1041186 A2 20001004 - ELTEK SPA [IT]
- [YD] EP 0781920 A1 19970702 - ELTEK SPA [IT]

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