

Title (en)

Device for blocking and releasing a door, particularly a door of a home appliance

Title (de)

Vorrichtung zum Verriegeln und Entriegeln einer Tür, insbesondere einer Tür eines Hausgeräts

Title (fr)

Dispositif pour verrouiller et déverrouiller une porte, notamment une porte d'un appareil domestique

Publication

**EP 2087829 A1 20090812 (EN)**

Application

**EP 09425032 A 20090202**

Priority

IT RM20080062 A 20080205

Abstract (en)

The invention relates to a button device for blocking and releasing a door, particularly a door of a home appliance, comprising an housing (4), provided with a cover (3), an electrical module (2) and a mechanical module (1), said electrical module (2) providing an activation and blocking pin (15) interacting with said mechanical module, said mechanical module (1) providing a blocking slider (13), interacting with said activation and blocking pin (15) of the electrical module (2), a strut (9), which is movable along a horizontal direction, and connected with said blocking slider (13), a rotating opening and blocking hook (5), interacting, on one side with said strut (9), and on the other side with prong (14) of the door closure, a safety slide (11), parallel with respect to said strut (9), and an opening lever (7) for manual activation of the opening.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- IT 1289804 B1 19981016 - BITRON SPA [IT]
- DE 3426738 C2 19940609 - YMOS AG IND PRODUKTE [DE]
- EP 1460163 A2 20040922 - MIELE & CIE [DE]
- IT TO981056 A 19981218

Citation (search report)

- [A] DE 3426738 A1 19860130 - YMOS AG IND PRODUKTE [DE]
- [A] EP 1460163 A2 20040922 - MIELE & CIE [DE]
- [A] DE 3919458 A1 19901220 - ZANGENSTEIN ELEKTRO [DE]

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