

Title (en)

SAFETY MODULE FOR DOOR-LOCK DEVICE

Title (de)

SICHERHEITSMODUL FÜR TÜRVERRIEGELUNGSVORRICHTUNG

Title (fr)

MODULE DE SÉCURITÉ DE DISPOSITIF DE VERROUILLAGE DE PORTE

Publication

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Application

**EP 19787101 A 20190827**

Priority

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Abstract (en)

[origin: WO2020049603A1] The present invention relates to a safety module (M) for a door-lock device, intended to block a door of a household appliance, comprising a first terminal (1), a second terminal (2), an actuator (3) arranged between said first terminal (1) and said second terminal (2), a closing switch (4), provided with contacts (41, 42), associated with said door of said household appliance and arranged on a closing circuit branch (81), and a blocking switch (6), provided with contacts (61, 62), functionally associated with said actuator (3) and arranged on a blocking circuit branch (82), wherein said closing circuit branch (81) and said blocking circuit branch (82) are parallel connected to each other, a multiple switch (9), in its turn comprising a first elastic lamina (9a), which is one of the contacts (41, 42) of said closing switch (4), a second elastic lamina (9b), which constitutes one of the contacts (61, 62) of said blocking switch (6), and a common electric support (9c), which said first (9a) and said second (9b) elastic lamina are coupled to, said multiple switch (9) being made of a single piece, and wherein said closing circuit branch (81) and said blocking circuit branch (82) are series connected to said actuator (3).

IPC 8 full level

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