

Title (en)
A locking device and a domestic appliance

Title (de)
Verriegelungsvorrichtung und Haushaltsgerät

Title (fr)
Dispositif de verrouillage et appareil ménager

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Application
EP 13180805 A 20130819

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Abstract (en)
[origin: EP2840208A1] The present invention relates to a locking device for a domestic appliance. Said locking device is provided for opening and closing a door (34) or a drawer at a cabinet (32) of the domestic appliance and comprises at least one casing (10, 12), a wheel element (18) rotatable within the casing (10) around a rotational axis, a first spring element (20) effecting a rotation of the wheel element (18) into a predetermined sense of rotation, and at least one elongated pin element (28) attached at the wheel element (18), wherein the longitudinal axis of said pin element (28) extends parallel to the rotational axis of the wheel element (18). The locking device comprises further a path element (22) formed as a disk and arranged parallel to the wheel element (18), wherein a large-area side of the path element (22) includes a path (26) for receiving and guiding an open end of the pin element (28), a second spring element (24; 36) effecting a rotation of the path element (22) in the predetermined sense of rotation and/or a displacement of the path element (22), and at least one hook element (16) inserted or insertable into a recess (14) of the casing (10, 12) and engaged or engageable with the wheel element (18). The hook element (16) is engageable with the wheel element (18) by pushing the casing (10, 12) towards the hook element (16). The hook element (16) is detachable from the wheel element (18) and the recess (14) by pushing the casing (10, 12) towards the hook element (16). Further, the present invention relates to a domestic appliance including a locking device.

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