

Title (en)

LOCK DEVICE EQUIPPED WITH OPENING SUPPORT MECHANISM, AND SLIDING DOOR INCLUDING LOCK DEVICE EQUIPPED WITH OPENING SUPPORT MECHANISM

Title (de)

SCHLOSSVORRICHTUNG MIT ÖFFNUNGSUNTERSTÜTZUNGSMECHANISMUS UND SCHIEBETÜR MIT SCHLOSSVORRICHTUNG MIT ÖFFNUNGSUNTERSTÜTZUNGSMECHANISMUS

Title (fr)

DISPOSITIF DE VERROUILLAGE ÉQUIPÉ D'UN MÉCANISME DE SUPPORT D'OUVERTURE ET COMPRENANT UN DISPOSITIF DE VERROUILLAGE DE PORTE COULISSANTE ÉQUIPÉE D'UN MÉCANISME DE SUPPORT D'OUVERTURE

Publication

**EP 3135842 B1 20190619 (EN)**

Application

**EP 16185643 A 20160825**

Priority

JP 2015169793 A 20150828

Abstract (en)

[origin: EP3135842A1] A lock device equipped with an opening support mechanism includes: an operation mechanism (20) mounted to a stile of a sliding door being a door end stile or a meeting stile and configured to be operated with an operation handle (20a); a lock configured to lock or unlock the sliding door by the operation mechanism (20); an opening support mechanism (60) configured to kick out the sliding door; and a link bar (50) configured to connect between the operation mechanism (20) and the opening support mechanism (60). The operation mechanism (20) includes a slider (40) that can move vertically in conjunction with turning of a handle shaft (22) of the operation handle (20a). The opening support mechanism (60) is arranged at the link bar (50) while being away from the slider (40) at a predetermined interval, the link bar (50) being connected to the slider (40) and transmitting a vertical motion of the slider (40).

IPC 8 full level

**E05B 65/08** (2006.01); **E05B 53/00** (2006.01); **E05B 63/20** (2006.01)

CPC (source: CN EP)

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DOCDB simple family (publication)

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