

Title (en)  
Locking device for a sliding door

Title (de)  
Schließvorrichtung für eine Schiebetür

Title (fr)  
Dispositif de fermeture pour porte coulissante

Publication  
**EP 2743433 A3 20160831 (DE)**

Application  
**EP 13196294 A 20131209**

Priority  
DE 202012104810 U 20121211

Abstract (en)  
[origin: EP2743433A2] The device has a door lock moved between a pre-locking position and a main detent position, and a closing aid completely closed in a closing operation based on manually adjusted position of a sliding door (10). The closing aid comprises a main stage for independently adjusting the main detent position based on the pre-locking position in the closing operation. The closing aid includes a primary stage (18) arranged upstream to the main stage for independently adjusting the pre-locking position based on the main detent position in the closing operation.

IPC 8 full level  
**E05B 81/20** (2014.01); **E05B 83/40** (2014.01)

CPC (source: EP)  
**E05B 81/20** (2013.01); **E05B 83/40** (2013.01); **E05B 81/21** (2013.01); **E05B 81/70** (2013.01)

Citation (search report)

- [A] US 6359762 B1 20020319 - YOKOMORI KAZUHITO [JP]
- [A] GB 2305228 A 19970402 - MITSUI MINING & SMELTING CO [JP]
- [A] DE 10064914 A1 20020711 - SIEMENS AG [DE]
- [A] US 2004074148 A1 20040422 - HER JUN MOO [KR]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 202012104810 U1 20130115**; EP 2743433 A2 20140618; EP 2743433 A3 20160831; EP 2743433 B1 20180228; SI 2743433 T1 20180629

DOCDB simple family (application)  
**DE 202012104810 U 20121211**; EP 13196294 A 20131209; SI 201331046 T 20131209