

Title (en)  
VERTICAL PUSHING ELEMENT

Title (de)  
VERTIKALSCHIEBEELEMENT

Title (fr)  
ÉLÉMENT COULISSANT VERTICAL

Publication  
**EP 3480407 B1 20231206 (DE)**

Application  
**EP 18202497 A 20181025**

Priority  
DE 102017125576 A 20171102

Abstract (en)  
[origin: US2019128036A1] The invention relates to a vertical sliding element including an element frame and a sash which can be moved in the vertical direction relative to the element frame. In the closed position of the sash, one fitting chamber each is formed in the intermediate spaces which are laterally limited by mutually facing side faces of the sash and the element frame. Each fitting chamber is provided with a guide rail and guide elements guided in the guide rail. The sash is connected to the guide elements via a scissors' arrangement having a plurality of parking scissors. The scissors arrangement is designed for parallel parking of the sash in a partially open position, in which the sash is positioned in front of an opening in the element frame, seen in the horizontal direction, and wherein the guide elements are designed to move the sash parked in parallel in the vertical direction by moving the guide elements in the guide rails.

IPC 8 full level  
**E06B 3/44** (2006.01); **E05D 13/00** (2006.01); **E05D 15/20** (2006.01); **E06B 3/263** (2006.01)

CPC (source: EP US)  
**E05D 13/14** (2013.01 - EP US); **E05D 15/165** (2013.01 - US); **E05D 15/18** (2013.01 - US); **E05D 15/20** (2013.01 - US);  
**E06B 3/26347** (2013.01 - EP US); **E06B 3/44** (2013.01 - US); **E06B 3/4407** (2013.01 - EP US); **E05D 15/20** (2013.01 - EP);  
**E05Y 2900/148** (2013.01 - EP US); **E06B 2003/26321** (2013.01 - EP US); **E06B 2003/26383** (2013.01 - EP US);  
**E06B 2003/4453** (2013.01 - EP US)

Citation (examination)  
DE 102016105064 A1 20170921 - BEWISO GMBH [AT]

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

DOCDB simple family (publication)  
**EP 3480407 A1 20190508; EP 3480407 B1 20231206**; DE 102017125576 A1 20190502; US 11060334 B2 20210713;  
US 2019128036 A1 20190502

DOCDB simple family (application)  
**EP 18202497 A 20181025**; DE 102017125576 A 20171102; US 201816166651 A 20181022