

Title (en)  
Door/window comprising an operating system with multiple locking points

Title (de)  
Tür/Fenster mit einem Betriebssystem mit mehreren Verschlussstellen

Title (fr)  
Porte ou fenêtre avec un système d'exploitation avec de multiples points de verrouillage

Publication  
**EP 2735677 B1 20170104 (EN)**

Application  
**EP 12193705 A 20121121**

Priority  
EP 12193705 A 20121121

Abstract (en)  
[origin: EP2735677A1] An operating system for doors/windows (10) with multiple locking points comprising a gear casing (20) through which a drive bar (40), an exposed hinged corner device (50) and an opening mechanism (60) are controlled by a handle (30), so as to tilt and/or inward open the door/window (10). The gear casing (20) includes a first and a second casings (21, 22) made from plastic, wherein the first casing (21) has at least one insertion hole (211) while the second casing (22) has a corresponding bored connecting rod (221) comprising a plurality of grooves (222) defining tightening pieces (223), thereby when the first and second casings (21, 22) are connected, the bored connecting rod (221) is inserted into the insertion hole (211) and a positioning pin (25) is passed through the insertion hole (211) and the bore connecting rod (221), so that the positioning pin (25) presses the tightening piece (223) to expand outward so as to make the bore connecting rod (221) fit in the insertion hole (211) tightly .

IPC 8 full level  
**E05C 9/02** (2006.01); **E05B 15/16** (2006.01); **E05C 9/06** (2006.01); **E05C 9/24** (2006.01)

CPC (source: EP)  
**E05B 15/1635** (2013.01); **E05C 9/021** (2013.01); **E05C 9/066** (2013.01); **E05C 9/24** (2013.01); **E05B 17/0012** (2013.01); **E05B 63/185** (2013.01); **E05B 2015/1664** (2013.01)

Cited by  
CN106150195A; CN115142778A; CN108590373A; US11560746B2; US11454055B2; US10900274B2; WO2016083395A1; US11480001B2; US11261640B2; US11802432B2

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 2735677 A1 20140528; EP 2735677 B1 20170104**

DOCDB simple family (application)  
**EP 12193705 A 20121121**