

Title (en)
Side-hung frame for doors and windows

Title (de)
Seitlich angelenkter Flügel einer Tür oder eines Fensters

Title (fr)
Battant articulé latéral de porte ou fenêtre

Publication
EP 1785562 A3 20090805 (EN)

Application
EP 06123999 A 20061114

Priority
IT BO20050695 A 20051115

Abstract (en)
[origin: EP1785562A2] A door or window frame (1) comprises: a fixed frame (2) and a sash (3) hinged to one another along a stile (4); transmission means (5) designed to allow the movement of contact and/or closing elements (7), to define, in conjunction with fixed connecting elements (8) positioned on the fixed frame (2), closed and turned open configurations; a handle (10) acting on the transmission means (5) to determine, through rotation of its handgrip (11), the closed and turned open configurations, corresponding to at least two stable positions of the handgrip (11); an auxiliary connecting element (13), associated with the fixed frame (2) and acting on a closing element (7a) when the handgrip (11) moves into a third stable operating position allowing guided interception of the closing element (7a) by the auxiliary element (13) in such a way as to space the sash (3) from the fixed frame (2) to a limited extent in order to at least partly break the seal of the frame (1).

IPC 8 full level
E05C 9/18 (2006.01); **E05B 15/02** (2006.01); **E05C 17/00** (2006.01); **E06B 7/02** (2006.01); **E06B 7/22** (2006.01)

CPC (source: EP)
E05C 9/1808 (2013.01); **E05C 17/48** (2013.01); **E06B 7/02** (2013.01); **E05B 15/021** (2013.01); **E06B 7/2305** (2013.01)

Citation (search report)

- [X] DE 7033247 U 19701119 - SIEGENIA FRANK KG [DE]
- [X] EP 1580381 A2 20050928 - WINKHAUS FA AUGUST [DE]
- [XA] DE 3043925 A1 19820603 - WINKHAUS FA AUGUST [DE]
- [A] GR 1004910 B 20050609 - ELLINIKI VIOMICHANIA ALOUMINIO
- [A] DE 3215452 A1 19830303 - SIEGENIA FRANK KG [DE]
- [A] EP 1359274 A1 20031105 - AJS INGENIERIE S A [BE]

Cited by
CN112412179A; EP2113623A3; CN104373024A; EP2927404A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1785562 A2 20070516; EP 1785562 A3 20090805; EP 1785562 B1 20151007; IT BO20050695 A1 20070516

DOCDB simple family (application)
EP 06123999 A 20061114; IT BO20050695 A 20051115