

Title (en)
FITTINGS HIDDEN IN THE GROOVE FOR TILTABLE AND TURNING WINDOWS OR DOORS, IN PARTICULAR WITH WOODEN FRAMES

Publication
EP 0429981 B1 19930721 (DE)

Application
EP 90121937 A 19901116

Priority
• DE 3939127 A 19891127
• DE 4019450 A 19900619

Abstract (en)
[origin: EP0429981A1] A fitting for the free guidance of the wing of tilt-and-turn windows or doors, each with two unequally long links (21, 22) for the upper and the lower edge of the wing, is provided. In order, on the one hand, to lock the link system positively with the fixed frame in the wing-closing position and nevertheless to make the shorter of the links (22) stronger and therefore more supportive, a location of the positive engagement is arranged at a distance from this rebate corner and provided between a stud (33) arranged fixedly on the frame and a pressure nose (32) of an additional arm (25) which is connected to the longer link (21) by means of non-displaceable articulation points and which engages on the lower edge of the wing. <IMAGE>

IPC 1-7
E05D 15/52

IPC 8 full level
E05D 15/28 (2006.01); **E05D 15/40** (2006.01); **E05D 15/52** (2006.01); **E05D 15/32** (2006.01)

CPC (source: EP)
E05D 15/28 (2013.01); **E05D 15/40** (2013.01); **E05D 15/5211** (2013.01); **E05D 15/32** (2013.01); **E05Y 2900/148** (2013.01)

Cited by
EP3339544A1; EP2098668A2

Designated contracting state (EPC)
BE DE DK ES FR GB IT NL SE

DOCDB simple family (publication)
EP 0429981 A1 19910605; EP 0429981 B1 19930721; DE 59002029 D1 19930826

DOCDB simple family (application)
EP 90121937 A 19901116; DE 59002029 T 19901116