

Title (en)  
SUPPORT ARRANGEMENT

Title (de)  
STÜTZANORDNUNG

Title (fr)  
AGENCEMENT DE SUPPORT

Publication  
**EP 1311738 B1 20090218 (EN)**

Application  
**EP 01958105 A 20010718**

Priority  
• FI 0100675 W 20010718  
• FI 20001815 A 20000816

Abstract (en)  
[origin: WO0214639A1] The invention relates to a support arrangement for balcony glazing or a similar movable element (1), the arrangement comprising a first guide rail (2) for two support/wheel units (3) of the element, which are movable in the longitudinal direction of the guide rail and carry substantially the weight of the element (1), and a second guide rail (4) against which a guiding means (5) protruding from the opposite edge with respect to the support/wheel unit (3) of the element (1) is arranged to rest, especially a support arrangement in which the element (1) is arranged to travel on a track which comprises at least two first, and respectively second, guide rails (2, 4) arranged at an angle with respect to each other. The adjacent first, and respectively second, guide rails (2, 4), form a mitre joint (17) with each other. The support/wheel unit (3) comprises a frame part (7), which is supported on the element (1) in a non-pivoting manner, and to which frame part (7) is connected a wheel (8) for supporting and conveying the element (1), and that the first guide rail (2) comprises a groove (12), in which the shaft-like part (6) comprised in the frame part (7) is arranged to move laterally in a controlled manner, and on at least one side of which groove is a guide surface (11) for the wheel (8).

IPC 8 full level  
**E06B 3/50** (2006.01); **E04B 1/00** (2006.01); **E05D 15/06** (2006.01); **E05D 15/58** (2006.01)

CPC (source: EP)  
**E05D 15/0608** (2013.01); **E05D 15/0613** (2013.01); **E05D 15/063** (2013.01); **E05D 15/0647** (2013.01); **E05D 15/0652** (2013.01); **E05D 15/0665** (2013.01); **E05D 15/0686** (2013.01); **E05D 15/58** (2013.01); **E05Y 2201/614** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/672** (2013.01); **E05Y 2900/15** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0214639 A1 20020221**; AT E423262 T1 20090315; AU 7984301 A 20020225; DE 60137693 D1 20090402; DK 1311738 T3 20090602; EP 1311738 A1 20030521; EP 1311738 B1 20090218; ES 2321691 T3 20090610; FI 115244 B 20050331; FI 20001815 A0 20000816; FI 20001815 A 20020217; NO 20030720 D0 20030214; NO 20030720 L 20030409; NO 321667 B1 20060619

DOCDB simple family (application)  
**FI 0100675 W 20010718**; AT 01958105 T 20010718; AU 7984301 A 20010718; DE 60137693 T 20010718; DK 01958105 T 20010718; EP 01958105 A 20010718; ES 01958105 T 20010718; FI 20001815 A 20000816; NO 20030720 A 20030214