

Title (en)
TILT-AND-TURN WINDOW FOR A SLOPING ROOF

Publication
EP 0179509 B1 19880224 (EN)

Application
EP 85201530 A 19850923

Priority
NL 8402948 A 19840927

Abstract (en)
[origin: EP0179509A1] A tilt-and-turn window for a sloping roof comprises a window (2) which is mounted in a tilt-and-turn manner between two pivoting arms (9) in a manner such that the outside face of the window (2) can be turned inwards in order to be washed. The pivoting arms (9) are linked to each other by a coupling tube (12) which is pivotably mounted near the top rail of the case. Pivoting arms (9) and coupling tube (12) form a rigid auxiliary frame (4) which prevents the window twisting on opening and closing. Around the coupling tube there is also mounted a pretensioned spirally wound bending spring (16) (torsion spring) which can take the weight of the opened window. In order to compensate for differences in the desired and delivered spring force, two friction rings (15) clamped between pivoting arms (9) and case arms (6) are present.

IPC 1-7
E04D 13/035; **E05D 15/48**

IPC 8 full level
E04D 13/035 (2006.01); **E05D 15/48** (2006.01); **E05F 1/12** (2006.01); **E05D 15/56** (2006.01)

CPC (source: EP)
E04D 13/0357 (2013.01); **E05D 15/48** (2013.01); **E05F 1/1215** (2013.01); **E05D 15/56** (2013.01); **E05Y 2900/152** (2013.01)

Cited by
EP2770148A3; US5181340A; AU631534B2; GB2216165A; GB2216165B; AU605674B2; US6493999B2; WO02057565A1; WO9009493A1

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