

Title (en)

Opening skylight with improved cover constraining means

Title (de)

Öffnendes Dachfenster mit verbesserten Haltemitteln für die Abdeckung

Title (fr)

Ouverture de lanterneau avec supports de contrainte améliorés pour le couvercle

Publication

EP 2423406 A1 20120229 (EN)

Application

EP 11179449 A 20110831

Priority

IT VI20100239 A 20100831

Abstract (en)

The invention is a skylight (1) comprising: a fixed frame (2) applied to the perimeter of an opening (A) made in a building and communicating with the inside of one or more rooms; a cover (3) provided with a movable frame (5) associated with the fixed frame (2) through hinge means (6) that define a rotation axis (X) for opening and closing the cover (3); moving means (7) for opening and closing the cover (3); means for constraining the cover (3) to the fixed frame (2). The constraining means comprise tie elements (10) each one of which is arranged at the sides of the skylight (1) with one end (10a) connected to one side of the movable frame (5) and the opposite end (10b) connected to the opposing side of the fixed frame (2) and having a length (L) that is such as to allow the cover (3) to be rigidly connected to the fixed frame (2) in the open position, with the side of the movable frame (5) forming an acute angle (\pm) with the opposing side of the fixed frame (2), when the moving means (7) maintain the cover (3) in the open position and tension the tie elements (10) through traction.

IPC 8 full level

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CPC (source: EP)

E04D 13/0315 (2013.01); **E04D 13/0354** (2013.01); **E05C 9/08** (2013.01); **E05C 17/36** (2013.01); **E05F 1/1091** (2013.01); **E05F 15/53** (2015.01); **E05B 51/02** (2013.01); **E05Y 2900/154** (2013.01)

Citation (applicant)

- WO 9733062 A1 19970912 - CAODURO CARLO [IT], et al
- WO 2007084017 A1 20070726 - REWA SP ZO O [PL]

Citation (search report)

- [XYI] DE 8808856 U1 19880825
- [Y] WO 9733062 A1 19970912 - CAODURO CARLO [IT], et al
- [Y] DE 10220840 A1 20031127 - KREFT & GETT JET KUNSTSTOFF [DE]
- [A] WO 2007084017 A1 20070726 - REWA SP ZO O [PL]
- [A] US 3738253 A 19730612 - JENTOFT A
- [A] FR 2743840 A1 19970725 - ECODIS SA [FR]

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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

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