

Title (en)

COVERING APPARATUS WITH ORIENTABLE SLATS

Title (de)

ABDECKUNGSVORRICHTUNG MIT VERSTELLBAREN LAMELLEN

Title (fr)

APPAREIL DE REVÊTEMENT COMPORTANT DES LAMELLES ORIENTABLES

Publication

EP 3348741 A1 20180718 (EN)

Application

EP 18150695 A 20180109

Priority

IT 201700003636 A 20170116

Abstract (en)

A covering apparatus (1) with orientable slats, which comprises a supporting structure (2) provided with at least two substantially parallel beams (3), between which a plurality of elongated and mutually juxtaposed orientable slats (4) are interposed; each slat (4) has the mutually opposite ends articulated about respective rotation pivots (7) which are substantially aligned and associated with respective bars (8) that can slide along the beams (3); the apparatus (1) further comprising means of actuation with alternating translation of the bars (8) along the beams (3) for a functional stroke and means (10) of moving the slats (4) between a closed configuration, in which they are arranged partially superimposed in pairs to define a continuous covering surface, and a fully open configuration, in which they are spaced apart in pairs to define a plurality of slots (11) for the passage of light and/or air, passing through a plurality of partially open configurations, the closed configuration and the fully open configuration being assumed by the slats (4) at the end positions of the bars (8) along the functional stroke; the movement means (10) comprise, for each slat (4), at least one lever (20) which is articulated to one end of that slat and to the beam (3) that is adjacent thereto, respectively by way of a first articulation pivot and a second articulation pivot (21, 22) which are substantially parallel to the rotation pivots (7) of that slat.

IPC 8 full level

E04F 10/10 (2006.01); **E06B 7/086** (2006.01)

CPC (source: EP)

E04F 10/10 (2013.01); **E06B 7/086** (2013.01)

Citation (applicant)

EP 3015618 A1 20160504 - GIBUS SPA [IT]

Citation (search report)

- [XYI] DE 9413428 U1 19941013 - SCHLOSBAUER PAUL [DE], et al
- [Y] FR 2701977 A1 19940902 - MANENC CHRISTIAN [FR], et al
- [A] DE 3442564 A1 19850605 - ALU SYSTEM AG [CH]

Citation (examination)

- DE 3500114 A1 19860710 - KLEMT ARTHUR
- DE 4227278 A1 19940224 - KLEMT ARTHUR [DE]

Cited by

CN117102192A; BE1030817B1; BE1026796B1; EP3736390A1; US11686101B2; WO2023004987A1; WO2022032876A1; EP4039906A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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