

Title (en)

Gasket-free, sealed orientable louver board for shutters, as well as supporting element therefor

Title (de)

Verstellbare Lamelle ohne Dichtelement eines dicht schließenden Fensterladens und Halteelement dafür

Title (fr)

Lamelle orientable sans élément d'étanchéité d'un volet étanche ainsi que son élément de support

Publication

EP 1566517 A3 20051130 (EN)

Application

EP 05101334 A 20050222

Priority

IT VR20040023 A 20040223

Abstract (en)

[origin: EP1566517A2] An adjustable slat (10) for shutters, designed to be coupled with respective angular rotation supports fitted in turn on window opening uprights, the slat being of the type comprises a flat rear side (11) and an opposite side (12) arranged at a certain angle to the previous side. The two sides (11, 12) form a cavity (13) delimited by a side with a curved edge (14), presenting a first coupling area (A), and by the other side with a second curved edge (18) opposite the previous one and specular with respect to the longitudinal centre line and in turn comprising a second area (B) which allows the coupling between adjacent slats. The first coupling area (A) comprises three consecutive housings (15, 16, 17), the internal cavity (17) being delimited by a projection (23) which separates it from the central cavity (16) in turn delimited by a second projection (24) separating it from the outer cavity (15), while the second coupling area (B) comprises protruding longitudinal strips or ribs (19, 20, 21) defined by respective cavities (27, 28). Moreover, the sloping side (12) of the slat (10), close to the second area (B), presents a protruding rib (29), which in cross-section has the shape of a tooth with a partial undercut, designed to engage in a housing (40) of the corresponding support (30), to ensure stable positioning which is fixed with respect to the extraction direction. <IMAGE>

IPC 1-7

E06B 9/28; **E06B 9/386**

IPC 8 full level

E06B 7/098 (2006.01)

CPC (source: EP)

E06B 7/098 (2013.01)

Citation (search report)

- [A] EP 0468064 A1 19920129 - ITALSYSTEM S R L [IT]
- [A] US 2845153 A 19580729 - WEST JOHN C
- [A] DE 1153148 B 19630822 - TURNER & SCOTT CHRIS PTY
- [A] DE 812606 C 19510903 - SERGRAM S A R L

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1566517 A2 20050824; **EP 1566517 A3 20051130**; IT VR20040023 A1 20040523

DOCDB simple family (application)

EP 05101334 A 20050222; IT VR20040023 A 20040223