

Title (en)

Covering device for buildings in general and for industrial and/or commercial buildings in particular.

Title (de)

Abdeckvorrichtung für Gebäude, insbesondere für Industrie- und/oder Handelsgebäude.

Title (fr)

Dispositif de couverture pour bâtiments et plus particulièrement pour bâtiments industriels et/ou commerciaux.

Publication

**EP 0521431 A1 19930107 (EN)**

Application

**EP 92110986 A 19920629**

Priority

IT MI911800 A 19910701

Abstract (en)

Covering device for buildings in general and for industrial and/or commercial buildings in particular, whose peculiarity resides in that it comprises side beams (1) which can be coupled to supporting pillars (2). The side beams define a ledge (3) for supporting roofing beams (4) which have a constant width with a central single ridge (5) and have a concave shape, in a cross-section taken transversely to the extrados, which delimits a V-shaped closed space together with the symmetrically curved sides (6, 7), and have a straight intrados and a flat extrados in a longitudinal cross-section taken along the median plane. The longitudinal edges of the roofing beams, which are provided with reinforcement ridges (9, 10), are spaced and arranged side by side, and curved roofing panels (11), constituted by composite plate-like elements arranged side by side, engage on the edges of the roofing beams. The roofing beams have, on their extrados, an insulating layer (12) and a waterproofing layer (13) which are factory-applied. The insulating layer and the waterproofing layer are laterally delimited by the lateral ridges of the edges and define, on the extrados, inclined surfaces whose slope varies and/or is constant from a median portion of the roofing beams toward their longitudinal ends. <IMAGE>

IPC 1-7

**E04B 7/10**; **E04B 7/12**

IPC 8 full level

**E04B 7/10** (2006.01); **E04B 7/12** (2006.01)

CPC (source: EP)

**E04B 7/107** (2013.01); **E04B 7/12** (2013.01)

Citation (search report)

- [X] EP 0250020 A2 19871223 - DLC SRL [IT]
- [X] DE 9014654 U1 19910103
- [Y] FR 2514803 A1 19830422 - BARACCHI GIUSEPPE [IT]
- [Y] FR 2654134 A3 19910510 - LARCO SB SPA [IT]
- [Y] FR 2652111 A1 19910322 - RDB SPA [IT], et al

Cited by

ES2281989A1; EP0727537A1; EP1136633A1; EP1022404A1; EP0727536A1; US5653067A

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

**EP 0521431 A1 19930107**; IT 1250609 B 19950421; IT MI911800 A0 19910701; IT MI911800 A1 19930102

DOCDB simple family (application)

**EP 92110986 A 19920629**; IT MI911800 A 19910701