

Title (en)

Prefabricated reinforced and pretensioned concrete roofing system for building construction

Title (de)

Vorfabrizierte Dachbauweise in Stahl- und Spannbeton zur Herstellung von Gebäuden

Title (fr)

Système de couverture préfabriquée en béton armé et précontraint pour la réalisation de bâtiments

Publication

EP 1022404 A1 20000726 (FR)

Application

EP 00400127 A 20000119

Priority

IT MI990085 A 19990119

Abstract (en)

The roofing system consists of horizontal prefabricated concrete members (3) which are subject to flexure, and curved members (4) with a compressed section. The horizontal members are in the form of hollow beams of triangular cross-section, closed at the ends and incorporating thermal insulation material (18). The curved members (4), made from fibrocement or metal with or without insulation have arc-shaped sections with edges at a tangent to the inclined sides (16) of the beams; they are designed to press against the edges of the beams, which absorb transmitted horizontal movements. A variant has a double-pent structure with vertical lights.

Abstract (fr)

Système de couverture préfabriquée en béton armé et précontraint pour la réalisation de bâtiments, constitué : a) d'éléments à axe horizontal soumis à un effort de flexion (2, 3, 5) et d'éléments curvilignes (4) dont la section est entièrement comprimée et b) toujours d'éléments soumis à un effort de flexion (2, 3, 4, 5) et de panneaux horizontaux (6) pour l'insertion des menuiseries qui servent d'appui aux dalles courbes. <IMAGE>
<IMAGE>

IPC 1-7

E04B 7/12

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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