

## 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

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## IPC 8 full level

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## CPC (source: EP)

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## Cited by

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