

Title (en)

STRUCTURAL SYSTEM FOR ERECTING BUILDINGS, PARTICULARLY SINGLE-FAMILY DWELLINGS

Title (de)

ROHBAUSYSTEM ZUR HERSTELLUNG VON GEBÄUDEN, INSBESONDERE EINFAMILIENHÄUSER

Title (fr)

SYSTEME DE GROS OEUVRE POUR LA CONSTRUCTION DE BATIMENTS NOTAMMENT DES MAISONS INDIVIDUELLES

Publication

EP 0874942 B1 19990908 (FR)

Application

EP 97900657 A 19970116

Priority

- FR 9700077 W 19970116
- FR 9600494 A 19960117

Abstract (en)

[origin: WO9726418A1] A structural system comprising a plurality of tie elements (3) defining the base perimeter of a house, load-bearing metal columns (5) mounted thereon, and a continuous inwardly-open recess extending along the full length of the elements and receiving horizontal reinforcements (18, 19) that form an unbroken chain around the edges of the base. Anchoring reinforcements (12) extend away from the foundation and curve through the elements and along said recess, and hooks (15) are hung from an inwardly projecting portion (14) in such a way that the curved ends of the hooks are located in said recess. The hooks, the horizontal reinforcements and the anchoring reinforcements are all intended to be embedded in concrete cast in the recess. The system is particularly useful for building earthquake-proof single-family dwellings.

IPC 1-7

E04B 1/24; **E04B 1/00**

IPC 8 full level

E04B 1/00 (2006.01); **E04B 1/24** (2006.01); **E04H 1/12** (2006.01)

CPC (source: EP US)

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