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 A1 19981104 (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)

**E04B 1/0007** (2013.01 - EP US); **E04B 1/24** (2013.01 - EP US); E04B 2001/2463 (2013.01 - EP US); E04B 2001/2481 (2013.01 - EP US)

Citation (search report)

See references of WO 9726418A1

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**WO 9726418 A1 19970724**; AR 009451 A1 20000426; BR 9707044 A 19991228; EP 0874942 A1 19981104; EP 0874942 B1 19990908; ES 2137771 T3 19991216; FR 2743588 A1 19970718; FR 2743588 B1 19980306; ID 17844 A 19980129; MY 120690 A 20051130; PL 185435 B1 20030530; PL 327857 A1 19990104; RU 2155256 C2 20000827; US 6192639 B1 20010227; ZA 97346 B 19970722

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