

Title (en)

LOAD-BEARING STRUCTURE USEFUL AS A POST OR AS A BEAM

Title (de)

TRAGENDE STRUKTUR ZUR VERWENDUNG ALS STÜTZE ODER TRÄGER

Title (fr)

STRUCTURE PORTEUSE POUVANT ETRE UTILISEE COMME POTEAU OU POUTRE

Publication

**EP 0736125 A1 19961009 (FR)**

Application

**EP 95904597 A 19941222**

Priority

- FR 9401522 W 19941222
- FR 9315587 A 19931223

Abstract (en)

[origin: WO9518277A1] The hollow, substantially transparent load-bearing structure, with high mechanical impact and shear strength, to be used as an embedded or supported post or beam, is essentially made of mineral and/or organic glass in its visible portion, its wall comprising at least two layers, wherein the layer(s) forming the outer portion are designed, in shape and/or composition, for ensuring impact protection, and the layer(s) forming the inner portion are designed, in shape and/or composition, for ensuring that said structure meets the required mechanical performance. When the structure is used as an electric post (45), it can provide a post which is insulating per se, or in combination with complementary parts of an insulating material. An electrical wire (62) may, for instance, be received in a clamping device (65-65a) fastened to a cover (64) seated on the the upper part of the post.

IPC 1-7

**E04C 3/28**; **E04C 3/36**; **E04H 12/02**

IPC 8 full level

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CPC (source: EP)

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