

Title (en)

STRUCTURAL MEMBER FOR THE CONSTRUCTION OF BUILDINGS, PARTS OF BUILDINGS OR THE LIKE

Publication

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Application

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Abstract (en)

[origin: US5174081A] PCT No. PCT/DE90/00051 Sec. 371 Date Jul. 24, 1991 Sec. 102(e) Date Jul. 24, 1991 PCT Filed Jan. 29, 1990 PCT Pub. No. WO90/08866 PCT Pub. Date Aug. 9, 1990. A building element for erecting buildings, parts of buildings or the like has at least one panel (3) which is horizontal in the position of use and which is provided with a reinforcement. Support elements (4) are mounted in the corner regions of the panel perpendicular to the plane of the panel. The reinforcement is a volume-supporting framework and the interior of the panel is a completely hollow cavity interrupted only by the reinforcement. At least the partial region of the reinforcement facing the top of the panel in the position of use is embedded in an upper embedding region, preferably of concrete. The reinforcement has edge ribs along the edges of the panel and intersecting diagonal ribs. Lattice girders are embedded in the ribs and are suspended at their ends in stiffening shoes. The suspension regions are embedded in concrete or the like.

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