

Title (en)
Composite wood-concrete construction element

Title (de)
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Title (fr)
Élément de construction composite bois-béton

Publication
EP 0613985 B1 19971008 (FR)

Application
EP 94400446 A 19940302

Priority
FR 9302733 A 19930303

Abstract (en)
[origin: EP0613985A1] The invention relates to the production of construction elements consisting of wooden beams or members constituting a framework over which a sheet of concrete is cast. These elements are used for the construction of wood-concrete composite floors or panels. The invention relates more particularly to the bonding between the wooden beams or members and the slab or sheet of concrete. This bonding is formed by at least one sheet-metal strip (4) comprising, on one edge, crampons in the form of crenellations (5) equipped with teeth (6), on the other edge, folded-over parts (9) forming a flanged edge, on the side wall of the metal sheet, embossing (7) forming projections and cut-outs (8) forming flaring which emerges on the edge on which the flanged edge (9) is produced. The crenellations (5) equipped with teeth (6) are enclosed in the beam (1), the flaring (8) allows the metal reinforcements (3) to pass and be held in place, the flanged edges (9), the embossing (7) and the flaring (8) participate in the anchoring of the metal sheet (4) in the concrete slab (2). <IMAGE>

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Cited by
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