

Title (en)

Building unit, preferably for roofing structures, and a method of manufacturing it

Title (de)

Bauelement, insbesondere für eine Dachkonstruktion, und Verfahren zu dessen Herstellung

Title (fr)

Élément de construction, notamment pour construction de toit, et procédé de fabrication d'un tel élément

Publication

EP 0675990 B1 19970709 (EN)

Application

EP 92909651 A 19920429

Priority

- DK 9200134 W 19920429
- DK 77991 A 19910429

Abstract (en)

[origin: WO9219826A1] A beam or girder (1) for building construction comprises a base profile (3-5), mainly for tensile loads and an upper covering plate (2) of a mainly for compressive loads suitable material, which is considerably stiffer in all directions than the plate of the base profile (3-5), said covering plate (2) being rigidly and moment transmittingly (resistant to bending moments) connected directly to the base profile via a glue layer, so that the covering plate (2) and the base profile (3-5) form a static cooperating supporting unit. Since the covering plate (2) has the same width as the base profile (3-5) and along both its longitudinal sides flush with the sides of the base profile, and that the rigid connection between the covering plate and the base profile also comprises securing elements extending fully or partly through the covering plate (2), there is hereby achieved a form stable, comprehensively applicable beam or girder of low weight and a high strength, and a predetermined curvature in the longitudinal direction of the beam is easy to adapt to the application conditions during its manufacture.

IPC 1-7

E04C 3/292

IPC 8 full level

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CPC (source: EP)

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