

Title (en)

A METHOD OF MANUFACTURING A TRUSS BEAM.

Title (de)

HERSTELLUNGSVERFAHREN EINES FACHWERKTRÄGERS.

Title (fr)

PROCEDE DE PRODUCTION D'UNE POUTRE ARMEE.

Publication

**EP 0355103 A1 19900228 (EN)**

Application

**EP 88903297 A 19880411**

Priority

GB 8708500 A 19870409

Abstract (en)

[origin: WO8808064A1] A carcass (1) is firstly manufactured by arranging a plurality of elongate members (4) of a composite material around a plurality of spacer members (2). A plurality of taut wires (5, 5') is subsequently wound around the carcass (1) such that each elongate member (4) is contacted by one of the wires (5, 5') in the plane of each spacer member (2). The wires (5, 5') may be subsequently adhered to the carcass (1), preferably by means of melting a thermoplastics coating of the wires (5, 5') and allowing the coating to set. The beam produced by this method is lightweight and strong.

Abstract (fr)

On fabrique d'abord une carcasse (1) en disposant un ensemble d'organes oblongs (4) en un matériau composite autour d'un ensemble d'entretoises (2). On enroule ensuite un ensemble de câbles tendus (5, 5') autour de la carcasse (1) de sorte que chaque organe oblong (4) entre en contact avec un des câbles (5, 5') dans le plan de chaque entretoise (2). On fait ensuite adhérer les câbles (5, 5') à la carcasse (1), de préférence en faisant fondre le revêtement thermoplastique des câbles (5, 5') et en le laissant se solidifier. La poutre ainsi produite est légère et résistante.

IPC 1-7

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IPC 8 full level

**E04C 3/08** (2006.01); **E04C 3/29** (2006.01); **E04C 3/04** (2006.01)

IPC 8 main group level

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