

Title (en)

A housed high strength core member.

Title (de)

Eingebettetes, hochfestes Kernelement.

Title (fr)

Noyau d'une pièce, intégré et à haute résistance.

Publication

EP 0683284 A1 19951122 (EN)

Application

EP 94303525 A 19940518

Priority

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Abstract (en)

The invention provides a housed high strength core member suitable for supporting load. It consists of at least one core (C) made of high strength material adapted for the application of the compression load surrounded by a housing (H) with infills (G) provided in the space between the inner wall of the housing and the core, providing lateral restraint to the core member. The housing is shorter than the core at all stages of loading including the ultimate load of the core member to ensure that the compression load is applied only to the core member and there is no bond between the core member and the infill at all stages of loading, including the ultimate load. <IMAGE>

IPC 1-7

E04C 3/34; **E04C 3/293**; **E04C 3/10**

IPC 8 full level

E04C 3/293 (2006.01); **E04C 3/34** (2006.01)

CPC (source: EP)

E04C 3/293 (2013.01); **E04C 3/34** (2013.01)

Citation (search report)

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DE ES FR GB IT NL SE

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