

Title (en)
HIGH STRENGTH STRUCTURAL MEMBERS

Publication
EP 0495779 A4 19921119 (EN)

Application
EP 90910540 A 19900726

Priority
AU PJ681089 A 19891011

Abstract (en)
[origin: WO9105926A1] A structural member (1) is thin walled and hollow. The walls (4, 5, 6, 7) of the member (1) have a series of protrusions (2) or depressions (3) formed in the general plane of each wall (4, 5) which act to strengthen the member (1). The depressions (3) in one wall (4, 5) about the inner surface of an opposing wall (6, 7) to provide a resistance to crushing of the member (1). The position and alignment of the protrusions (2) and depressions (3) can be altered to suit the intended use of the structural member (1). Structural members may be lintels, I-beams or of other structural shape and will have a lower mass when compared to members of the same strength.

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E04C 2/32; **E04C 3/07**; F16S 3/00

IPC 8 full level
E04C 2/32 (2006.01); **E04C 3/07** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)
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Citation (search report)
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• See references of WO 9105926A1

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