

Title (en)
STRUCTURAL MEMBERS.

Title (de)
STRUKTURIERTE GLIEDER.

Title (fr)
ORGANES STRUCTURAUX.

Publication
EP 0122268 A4 19850306 (EN)

Application
EP 83903152 A 19831005

Priority
AU PF618782 A 19821005

Abstract (en)
[origin: WO8401402A1] A structural member having a core material (5) made from a foamed or unfoamed slurry of cement and water into which is homogenously incorporated foamed polystyrene beads, and an outer thin skin (4, 7) of steel fibre reinforced cementitious material made from a cement, sand and water slurry. The thin outer skin (4, 7) exhibits high compressive tensile and flexural strength properties which combined with the lightweight core (5) give structural panels or beams suitable for many structural applications including buildings. Individual panels (11) may be joined at their edges to form larger panels by post-tensioning cables (12) passing through the core of each panel.

IPC 1-7
E04C 2/04; **E04C 2/06**; **E04C 3/29**; **B28B 1/52**; **B32B 13/02**; **B32B 13/04**; **C04B 39/00**

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
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