

Title (en)

STRUCTURE TO BE ASSEMBLED FROM BUILDING BLOCKS

Publication

**EP 0150008 A3 19860528 (DE)**

Application

**EP 85100128 A 19850108**

Priority

CH 12984 A 19840111

Abstract (en)

[origin: US4721299A] The structural member, such as a pipe has a pipe wall, whose inner and outer surfaces are formed by plastic surface layers. Between the surface layers is provided a space, which is filled with a material differing from that of the surface layers. If the structural member is used as a foundation part of a structure, the space is filled with a material or a non-porous plastic for increasing the strength and stability of the pipe, while for other, that is overlying structural members, the space is filled with a lower density material, such as PUR (Polyurethane) foam, or is in the form of a cavity. Thus, the foundation parts are not subject to unnecessarily high loading and material is saved. Playing and gymnastic structures with a random spatial arrangement can be formed from the structural members.

IPC 1-7

**A63B 9/00**; **A63B 17/00**

IPC 8 full level

**F16B 7/20** (2006.01); **A63B 9/00** (2006.01); **A63B 17/00** (2006.01); **A63G 13/00** (2006.01); **E04B 1/28** (2006.01)

CPC (source: EP US)

**E04B 1/28** (2013.01 - EP US)

Citation (search report)

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AT BE DE FR GB IT LU NL SE

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**EP 0150008 A2 19850731**; **EP 0150008 A3 19860528**; **EP 0150008 B1 19890816**; AT E45505 T1 19890915; CH 663049 A5 19871113; DE 3572307 D1 19890921; JP H0456628 B2 19920909; JP S60232177 A 19851118; US 4721299 A 19880126

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