

Title (en)  
SPATIAL LATTICE STRUCTURE

Publication  
**EP 0031804 B1 19850522 (FR)**

Application  
**EP 80870055 A 19801217**

Priority  
BE 198773 A 19791227

Abstract (en)  
[origin: EP0031804A2] 1. A spatial lattice structure comprising at least one layer formed by an array of struts having a junction member at their ends, said junction members being joined together by bolts to form junction nodes, characterized in that each junction member is constituted by a hollow prismatic rigid member (6-7) having a cross-section in the form of an isoscele triangle and having its longitudinal axis extending transversally the axial direction of the strut (5) that bears it, a lateral face (6) of the hollow member being connected at an end of said strut transversally the axial direction thereof, said axial direction of the strut extending at a proper angle to said lateral face according to the type of the spatial structure, and each of the other lateral faces (7) of the hollow member being connected to one face of a similar junction member of another strut.

IPC 1-7  
**E04B 1/19**

IPC 8 full level  
**E04B 1/19** (2006.01)

CPC (source: EP)  
**E04B 1/1903** (2013.01); **E04B 2001/1927** (2013.01); **E04B 2001/193** (2013.01); **E04B 2001/1933** (2013.01); **E04B 2001/1963** (2013.01); **E04B 2001/1975** (2013.01); **E04B 2001/1984** (2013.01)

Citation (examination)  
FR 2143644 A1 19730209 - LAMPSON SERGE

Cited by  
EP1522639A1; CN109339322A; EP0343263A1; FR2610679A1; DE3538479A1; US9731773B2; WO9300490A1; WO2009053367A1; US10465373B2; US10982426B2

Designated contracting state (EPC)  
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**EP 0031804 A2 19810708; EP 0031804 A3 19810923; EP 0031804 B1 19850522**; DE 3070682 D1 19850627

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