

Title (en)
SPACE TRUSS

Title (de)
RAUMFACHWERK

Title (fr)
STRUCTURE SPATIALE

Publication
EP 1496166 A1 20050112 (EN)

Application
EP 03710339 A 20030313

Priority
• JP 0303011 W 20030313
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Abstract (en)
A space truss in which the numbers of chord members in the vertical directions and in the horizontal directions and diagonal members are decreased for simplifying fabricating work and the like is obtained. <??>Chord members 2a, 2b, 3a and 3b in the vertical directions and in the horizontal directions in an upper lattice 2 and in a lower lattice 3, respectively, are formed by arranging long rod members 8 having a length twice as long as the distance between intersection points in a lattice, and by coupling coupling portions 8a at ends of long rod members 8 intersecting with a long rod member 8 to the center of the latter long rod member 8, and the diagonal members 4a and 4b coupling intersection points 5 and 6 of the chord members of both of the lattices 2 and 3 with each other are severally formed by arranging bent rod members 10 shaped in a letter V in a lattice, and by coupling coupling portions 10a at ends of the bent rod members 10 intersecting with a bent rod member 10 to the center the bent rod member 10. <IMAGE>

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E04B 1/19

IPC 8 full level
E04B 1/19 (2006.01); **E04B 1/58** (2006.01)

CPC (source: EP KR US)
E04B 1/19 (2013.01 - EP KR US); **E04C 3/04** (2013.01 - KR); **E04B 2001/193** (2013.01 - EP US); **E04B 2001/1954** (2013.01 - EP US); **E04B 2001/1975** (2013.01 - EP US); **E04B 2001/1984** (2013.01 - EP US)

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