

Title (en)
SCAFFOLDING

Publication
EP 0140984 B1 19871209 (DE)

Application
EP 83109374 A 19830921

Priority
DE 8326410 U 19830914

Abstract (en)
[origin: EP0140984A1] 1. A lightweight lattice support structure (1) for assembly and servicing scaffolding or platforms or the like which may or may not be mobile, the structure comprising tubular vertical support elements and horizontal support elements (2, 3) and possibly diagonal struts (4) connected by assemblable couplings (6) at the lattice junctions (5), the couplings (6) being divided into two half-shells (8, 9) along a plane (7) coinciding with the longitudinal axes of the horizontal support elements and of the vertical support elements, each half-shell having inner pressure surfaces, which engage non-positively around the outside of the support elements (2), and outside pressure surfaces around which another support element (3) engages non-positively, a projection (15) near the inside pressure surfaces of each half-shell (8, 9) co-operating with a companion aperture (16) in the associated support element (2) to form an additional positive connection, characterised in that inwardly projecting collars (17) are provided as inner pressure surfaces (22) on the coupling and extend all the way around the periphery of the vertical support elements ; and the outer pressure surfaces (21) are formed with recesses (13) and the horizontal support elements (3) have companion projection (14) which engage positively in the recesses (13).

IPC 1-7
E04G 7/22; **E04G 7/24**

IPC 8 full level
E04G 7/22 (2006.01); **E04G 7/24** (2006.01)

CPC (source: EP)
E04G 7/22 (2013.01); **E04G 7/24** (2013.01)

Cited by
DE102015108298B4; EP0943819A1; US2010170750A1; US9157275B2; US4715474A; AU611855B2; US2013015016A1; US11591802B1; US10640983B2; US10358871B2; US11447965B2; US11739544B2

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