

Title (en)

Joint and jointing element for scaffolding system

Title (de)

Knoten und Knotenanschlusselement für Gerüstbausysteme

Title (fr)

Noeud et raccord de noeud pour système d'échafaudage

Publication

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Application

EP 94106159 A 19940421

Priority

DE 4314001 A 19930429

Abstract (en)

[origin: EP0622504A1] A description is given of the design of scaffolding components, such as scaffolding junctions (1) and the associated connection elements (2), for a modular scaffolding of the novel construction type. The invention is distinguished in that the wedge-plug-in connection of scaffolding junctions and connection elements which is known in principle has been further developed such that the wedge-like plug-in elements are designed as straightforward wedge-like webs (6) which are arranged at the two ends of each horizontal spacer member (5) such that the web is fastened in the manner of a transverse horizontal member, seated on the wall of the horizontal spacer member or on a sleeve (4) pushed onto each horizontal-spacer-member end, and the wedge-like webs engage in each case into a pocket (8) of analogous shaping. The main advantage of the invention is constituted by the merits achieved by the vertical frame rigidity, for example reduction in materials and weight, possibility of savings in terms of vertical strutting, cuts in costs and reduction in assembly times. Furthermore, special locking means (12, 13, 14) are provided and supplementary elements (16, 17) are provided in order to absorb lateral transverse forces between scaffolding uprights (3) and connection element (2). <IMAGE>

IPC 1-7

E04G 7/30

IPC 8 full level

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CPC (source: EP)

E04G 7/307 (2013.01); **E04G 7/308** (2013.01)

Cited by

DE102011001908A1; CN108517961A; CN106958347A; EP3722059A3; DE202017102638U1; DE202009008127U1; WO2010142797A1; WO2012136697A1

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