

Title (en)

An assembly of elements for modular joints connecting the struts of suspended structures.

Title (de)

Elementenzusammenbau für Verbindungsknoten für Stangen von selbsttragenden Gerüsten.

Title (fr)

Assemblage d'éléments pour les noeuds de connexion des barres de structures autoportantes.

Publication

**EP 0487463 A1 19920527 (EN)**

Application

**EP 91830477 A 19911031**

Priority

IT 374490 A 19901122

Abstract (en)

The struts of a temporary suspended roof structure are interconnected by a modular joint comprising at least one multiple coupling element (3) affording a set of profiled sockets (5) with narrowed access slots (6), and a corresponding set of longitudinal coupling elements (8); the body (9) of each such element (8) is axially aligned with and secured at one end (9a) to the single strut (2), whilst the remaining end (9b) takes the form of a shank (20) terminating in a profiled tip (10) that is matched to the internal profile of the socket (5). With the tips (10) seated in the sockets (5) and the shanks (20) occupying the narrowed slots (6), the relative profiles remain interlocked, with the longitudinal elements (8) retained positively by but ultimately removable from the multiple coupling element (3). <IMAGE>

IPC 1-7

**E04B 1/19**

IPC 8 full level

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CPC (source: EP)

**E04B 1/1909** (2013.01); **E04B 2001/1921** (2013.01); **E04B 2001/1927** (2013.01); **E04B 2001/1966** (2013.01)

Citation (search report)

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FR2714701A1; WO2004088054A1

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