

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

E04B 1/19 (2006.01)

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

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0487463 A1 19920527; **EP 0487463 B1 19970115**; AT E147815 T1 19970215; DE 69124204 D1 19970227; DE 69124204 T2 19970731; ES 2099151 T3 19970516; IT 1244390 B 19940711; IT 9003744 A0 19901122; IT 9003744 A1 19920523; PT 99576 A 19931231

DOCDB simple family (application)

EP 91830477 A 19911031; AT 91830477 T 19911031; DE 69124204 T 19911031; ES 91830477 T 19911031; IT 374490 A 19901122; PT 9957691 A 19911121