

Title (en)

Rigid or articulated and pluggable connection for structural elements

Title (de)

Biegesteife oder gelenkige und steckbare Verbindung für Tragwerkselemente

Title (fr)

Assemblage rigide ou articulée et enfichable pour éléments de construction

Publication

EP 1736606 A1 20061227 (DE)

Application

EP 05405435 A 20050713

Priority

CH 10662005 A 20050623

Abstract (en)

The push-fit connection is made from a first connector (8) and a second connector (9) connected to the frame elements by anchor rods (6,7) which are securely glued into the supporting frame elements. The connectors engage in one another and are connected to one another through at least one coupling part (5) such as a bolt inserted across the longitudinal direction of the rods through recesses on contacting faces of the support frame elements. The support frame structures can be made from wood or concrete.

IPC 8 full level

E04B 1/26 (2006.01); **E04B 1/21** (2006.01); **E04C 3/42** (2006.01)

CPC (source: EP)

E04B 1/2604 (2013.01); **E04C 3/42** (2013.01); **E04B 2001/2616** (2013.01); **E04B 2001/2664** (2013.01)

Citation (applicant)

EP 1300521 A1 20030409 - HEIDEMANN MODULAR SPACE SYSTEM [GB]

Citation (search report)

- [X] US 5954447 A 19990921 - BATHON LEANDER [DE]
- [A] CH 673305 A5 19900228 - EMIL ROTH & CO AG
- [DA] EP 1300521 A1 20030409 - HEIDEMANN MODULAR SPACE SYSTEM [GB]
- [A] DE 20317488 U1 20040311 - BOHRENKAEMPER GUSTAV [DE]
- [A] US 3585771 A 19710622 - PINNIGER STEWART GEORGE
- [A] DE 19958793 C1 20010830 - KARL TADGE WANDELEMENTE GMBH [DE]
- [A] US 4558968 A 19851217 - MEICKL GERHARD [DE]

Cited by

DE102011110918B4; EP3211146A1; AT519093B1; AT519093A4; WO2022207346A1; WO2024008826A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1736606 A1 20061227; **EP 1736606 B1 20100421**; AT E465305 T1 20100515; DE 502005009457 D1 20100602

DOCDB simple family (application)

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