

Title (en)

CONNECTION SYSTEM FOR LIGHT, LOAD-BEARING MODULAR STRUCTURES

Title (de)

VERBINDUNGSSYSTEM FÜR LEICHTE, MODULARE LASTTRAGSTRUKTUREN

Title (fr)

SYSTEME CONNECTEUR POUR STRUCTURES MODULAIRES LEGERES PORTEUSES

Publication

EP 1183473 A1 20020306 (EN)

Application

EP 00922805 A 20000503

Priority

- IB 0000567 W 20000503
- IT RO990001 A 19990504

Abstract (en)

[origin: WO0066896A1] A connection system for load-bearing modular structures includes connectors (1) including a plurality of connector arms (10) extending in predetermined directions. Each of said connector arms (10) is aimed at being introduced into a corresponding recess (20) made in the connecting rod (2). A connector arm (10) includes a body (11) and a head (12). The head (12) has a lateral aperture (14) opening outwards. The body (11) features a longitudinal cavity (13) which communicates with the lateral aperture (14). The body (11) features also a plurality of lateral through holes (15) communicating with the longitudinal cavity (13). The through holes (15) are equipped with corresponding gudgeons (16) sliding therein between a non-working position and a working position, in which the gudgeons (16) protrude from the connector arm (10), so as to engage the inner walls of said recess (20). A shaped shaft (30) is situated inside the cavity (13) and is operated through the lateral aperture (14), so as to move the gudgeons (16) between said non-working and working positions.

IPC 1-7

F16B 7/04; **A47B 47/00**

IPC 8 full level

A47B 47/00 (2006.01); **F16B 7/04** (2006.01)

CPC (source: EP)

A47B 47/0008 (2013.01); **F16B 7/0446** (2013.01)

Citation (search report)

See references of WO 0066896A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

WO 0066896 A1 20001109; AU 4308400 A 20001117; EP 1183473 A1 20020306; IT 1313512 B1 20020724; IT RO990001 A1 19990804

DOCDB simple family (application)

IB 0000567 W 20000503; AU 4308400 A 20000503; EP 00922805 A 20000503; IT RO990001 A 19990504