

Title (en)

SECURING DEVICE FOR A SUPPORTING BAR

Title (de)

VERBUNDUNGSVORRICHTUNG EINES AUFLAGERIEGELS

Title (fr)

SYSTEME D'ASSEMBLAGE D'UNE BARRE D'APPUI

Publication

EP 0907812 B1 20000119 (DE)

Application

EP 97928206 A 19970614

Priority

- DE 19625545 A 19960626
- EP 9703111 W 19970614

Abstract (en)

[origin: US6045287A] A connecting device is provided for a bearing bar consisting of a tube having such a connecting device at each of its two ends. The connecting device may be used to join horizontal and vertical scaffolding elements. The connecting device consists of a bearing head and a clamping device and is of such a design that its top edge lies in a plane with that of the tube attached thereto. In addition, the connecting device has bolts for a non-positive connection with overlying elements suspendable thereover. These constructional features of the connecting device allow the overlying elements, which have holes or eyelets to be pushed over the bolts of the bearing bar for suspending in the scaffold, to be placed close up to the post elements, so that virtually no gap between the overlying element and the post element is formed. Moreover, the length of the bearing bars may be dimensioned in such a way that frame scaffoldings and modular scaffoldings can be combined as result of an identically adjustable axial spacing of the pair of posts of a modular scaffolding with respect to the axial spacing of a frame scaffolding.

IPC 1-7

E04G 1/15; **E04G 7/30**

IPC 8 full level

E04G 1/15 (2006.01); **E04G 7/30** (2006.01); **E04G 7/32** (2006.01)

CPC (source: EP US)

E04G 1/15 (2013.01 - EP US); **E04G 7/307** (2013.01 - EP US); **E04G 7/32** (2013.01 - EP US); **E04G 2001/158** (2013.01 - EP US); **Y10T 403/30** (2015.01 - EP US)

Cited by

CN105442833A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6045287 A 20000404; AT E189029 T1 20000215; AU 3258997 A 19980114; CA 2268946 A1 19971231; CZ 417998 A3 19990616; DE 19625545 A1 19980102; DE 59701052 D1 20000224; EP 0907812 A1 19990414; EP 0907812 B1 20000119; PL 183358 B1 20020628; PL 330918 A1 19990607; WO 9749880 A1 19971231

DOCDB simple family (application)

US 21215598 A 19981215; AT 97928206 T 19970614; AU 3258997 A 19970614; CA 2268946 A 19970614; CZ 417998 A 19970614; DE 19625545 A 19960626; DE 59701052 T 19970614; EP 9703111 W 19970614; EP 97928206 A 19970614; PL 33091897 A 19970614