

Title (en)
Scaffolding mast

Title (de)
Gerüstmast

Title (fr)
Mât d'échafaudage

Publication
EP 0750362 A1 19961227 (DE)

Application
EP 96109360 A 19960612

Priority
DE 19522526 A 19950623

Abstract (en)
The mast has at least two section rods (1,2,3). These are arranged at corners of a triangle or rectangle forming the cross-section of the mast. Each pair of section rods (1,2,3) is connected to each one or two connection plates (10) forming a side of the triangle or rectangle. Two grooves (4-9) are provided inside each section rod (1,2,3). The bent over edges of the connection plates (10) are stuck into the grooves and are fastened at the corner points. The rods are preferably extruded aluminium sections. Alternatively they may be made of steel in the form of hollow or roll sections. The connection plates inserted into the grooves may be welded to the sections. The sections may be identical, or may be different. A slider may be arranged on one of the sections, to slide along the section.

Abstract (de)
Bei einem Gerüstmast mit mindestens zwei Profilstäben (1,2,3) die auf Ecken eines den Querschnitt des Gerüstmastes bildenden Dreiecks oder Vierecks angeordnet sind, wobei je zwei Profilstäbe (1,2,3) mit je einem oder je zwei je eine Seite des Dreiecks oder Vierecks bildenden Verbindungsblech (10,17,18) verbunden sind, ist vorgesehen, daß an dem Innenbereich eines jeden Profilstabes (1,2,3) je zwei Nuten (4 bis 9) vorgesehen sind, in die die abgewinkelten Kanten (13,14) des Verbindungsbleches (10,17,18) eingesteckt und an der Einsteckstelle befestigt sind (Figur 1). <IMAGE>

IPC 1-7
H01Q 1/12; **E04H 12/08**; **E04H 12/00**

IPC 8 full level
E04H 12/10 (2006.01); **E04G 1/14** (2006.01); **E04H 12/00** (2006.01); **E04H 12/08** (2006.01); **H01Q 1/12** (2006.01)

CPC (source: EP KR US)
E04H 12/08 (2013.01 - EP US); **H01Q 1/12** (2013.01 - KR); **H01Q 1/1242** (2013.01 - EP US)

Citation (search report)
• [A] EP 0389214 A2 19900926 - OWEN BROWN GROUP LTD [GB]
• [A] US 4262773 A 19810421 - BASHAM BILLY G

Cited by
DE29705008U1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0750362 A1 19961227; **EP 0750362 B1 19980826**; AT E170335 T1 19980915; CA 2179587 A1 19961224; DE 19522526 C1 19970410; DE 59600471 D1 19981001; JP H0913744 A 19970114; KR 970004145 A 19970129; US 6053283 A 20000425

DOCDB simple family (application)
EP 96109360 A 19960612; AT 96109360 T 19960612; CA 2179587 A 19960620; DE 19522526 A 19950623; DE 59600471 T 19960612; JP 16326296 A 19960624; KR 19960023088 A 19960622; US 66490896 A 19960617