

Title (en)
Claw for crosspiece

Title (de)
Greifer für einen Querträger

Title (fr)
Griffe pour traverse

Publication
EP 1808552 A3 20110608 (EN)

Application
EP 07398001 A 20070104

Priority
PT 10341806 A 20060112

Abstract (en)
[origin: EP1808552A2] CLAW FOR CROSSPIECE to be used in mobile working towers made of pre-fabricated elements or modular system that are characterized by presenting in the claw interior a auto-positioning guide bolt (1), automatic closing and opening systems (3) that only opens with simultaneous pressure of the two buttons (5), a second security system (2) which is manual and only closes when the claw is duly applied in the element. The claw is applied in the crosspiece profile exterior extremity by the extension rabbet (4) being this joined and forged to the profile. The claw interior area is adequate with the periphery contour and equivalent to the element profile where it is applied and the guide bolt (1) has exterior periphery equivalent to the interior step profile format of the element where it is applied. The auto-positioning bolt (1) and the opening/close system (3) allow the assembly/dissemble to an easy and rapid reconfiguration without neither tools nor accessories.

IPC 8 full level
E04G 7/24 (2006.01)

CPC (source: EP)
E04G 7/22 (2013.01); **E04G 7/24** (2013.01)

Citation (search report)
• [I] EP 1094175 A1 20010425 - TUBESCA SA [FR]
• [A] US 4715474 A 19871229 - WEHMEYER DONALD T [US]

Cited by
GB2498963A; GB2498963B; EP3670785A1; CN111350344A

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 RS

DOCDB simple family (publication)
EP 1808552 A2 20070718; EP 1808552 A3 20110608; PT 103418 A 20070731; PT 103418 B 20071105

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EP 07398001 A 20070104; PT 10341806 A 20060112