

Title (en)
Modular strutting tower for civil engineering and construction

Title (de)
Modularer Stützturm für Tief- und Hochbauarbeiten

Title (fr)
Tour d'étalement modulaire pour le génie civil et le bâtiment

Publication
EP 2706166 B1 20150401 (FR)

Application
EP 13360027 A 20130910

Priority
• FR 1258504 A 20120911
• FR 1350506 A 20130121

Abstract (en)
[origin: EP2706166A1] The tower has a pawl pivotably mounted on a tenon (80) and forming a bolt. A back traverse opening (81) is arranged at a free end of an upper horizontal rail (61). Axes (A, B) are included in a same horizontal plane such that the tenon and the opening corresponding with adjacent to be assembled single-piece frames (6) are encased by a horizontal swiveling movement (R) of one of the frames relative to the other frame around a fulcrum pin (C). The swiveling movement is included in a safety perimeter (P) and the pawl is arranged to lock the tenon with the opening traversing in the perimeter. The pin is defined by its post segment (40).

IPC 8 full level
E04G 1/14 (2006.01); **E04G 1/28** (2006.01); **E04G 7/30** (2006.01); **E04G 7/34** (2006.01)

CPC (source: EP)
E04G 1/14 (2013.01); **E04G 5/10** (2013.01); **E04G 5/14** (2013.01); **E04G 7/307** (2013.01); **E04G 7/34** (2013.01)

Cited by
EP3015624A1; DE102014222247A1; PL444348A1; WO2022128923A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 2706166 A1 20140312; EP 2706166 B1 20150401; ES 2539930 T3 20150707; PT 2706166 E 20150805

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