

Title (en)  
VERTICAL BEAM ASSEMBLY FOR A HEAVY-DUTY SCAFFOLD TOWER

Title (de)  
VERTIKALTRÄGERBAUGRUPPE FÜR EINEN SCHWERLAST-GERÜSTTURM

Title (fr)  
MODULE DE SUPPORT VERTICAL POUR TOUR D'ÉCHAFAUDAGE POUR CHARGES LOURDES

Publication  
**EP 3464753 A1 20190410 (DE)**

Application  
**EP 17729378 A 20170516**

Priority  
• DE 102016109972 A 20160531  
• EP 2017061693 W 20170516

Abstract (en)  
[origin: WO2017207263A1] The invention relates to a vertical beam assembly for a heavy-duty scaffold tower comprising a group (22) of vertical bars (24, 26, 28, 30) detachably connected to each other and at least one vertical beam (54), which is surrounded by the vertical bars (24, 26, 28, 30) of the group (22) of vertical bars (24, 26, 28, 30) and which is or can be supported in relation to the group (22) of vertical bars (24, 26, 28, 30) at least in a direction substantially transverse to a vertical beam longitudinal direction.

IPC 8 full level  
**E04G 1/02** (2006.01); **E04G 1/12** (2006.01); **E04G 7/30** (2006.01); **E04G 7/32** (2006.01); **E04G 11/48** (2006.01)

CPC (source: EP)  
**E04G 1/02** (2013.01); **E04G 1/12** (2013.01); **E04G 7/301** (2013.01); **E04G 7/306** (2013.01); **E04G 7/32** (2013.01); **E04G 11/48** (2013.01)

Citation (search report)  
See references of WO 2017207263A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102016109972 A1 20171130**; EP 3464753 A1 20190410; EP 3464753 B1 20221214; ES 2934700 T3 20230224; PL 3464753 T3 20230424; WO 2017207263 A1 20171207

DOCDB simple family (application)  
**DE 102016109972 A 20160531**; EP 17729378 A 20170516; EP 2017061693 W 20170516; ES 17729378 T 20170516; PL 17729378 T 20170516