

Title (en)

MULTI-STEP STAND SEGMENT AND METHOD FOR ASSEMBLY THEREFORE

Title (de)

MEHRSTUFIGES TRIBÜNENSEGMENT UND MONTAGEVERFAHREN HIERFÜR

Title (fr)

SEGMENT DE TRIBUNE À PLUSIEURS ÉTAGES ET PROCEDE D'ASSEMBLAGE POUR CELA

Publication

**EP 3247846 B1 20190918 (DE)**

Application

**EP 15703220 A 20150123**

Priority

CH 2015000008 W 20150123

Abstract (en)

[origin: WO2016115643A1] The invention relates to a multi-step stand segment (1) consisting of structural elements (2, 3, 4) connected to each other in such a way that the structural elements can be disassembled, comprising two step supports (2), which are connected to each other by means of a plurality of crossbeams (3), and floor plates (4), which span regions formed between the step supports (2) and the crossbeams (3). The crossbeams (3) form the end faces of the respective stand steps and laterally adjoin the step supports (2) by means of the ends of the crossbeams. The step supports (2) and the crossbeams (3) penetrate each other in this adjoining region, an interlocking engagement thus being formed between the crossbeam (3) and the step support (2) in the direction of gravity and in all horizontal directions in each case. The crossbeams (3) and the step supports (2) are designed in such a way that each connection therebetween can be established during the assembly of the stand segment (1) by inserting protrusions (5a, 5b) formed on the crossbeams (3) into receptacles (6a, 6b) formed on the step supports (2) and can be undone during the disassembly by removal in the opposite direction.

IPC 8 full level

**E04H 3/12** (2006.01)

CPC (source: EP)

**E04H 3/12** (2013.01)

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

DOCDB simple family (publication)

**WO 2016115643 A1 20160728**; EP 3247846 A1 20171129; EP 3247846 B1 20190918; ES 2755176 T3 20200421

DOCDB simple family (application)

**CH 2015000008 W 20150123**; EP 15703220 A 20150123; ES 15703220 T 20150123