

Title (en)
SUPPORT STRUCTURE AND METHOD FOR PRODUCTION

Title (de)
TRAGSTRUKTUR UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
STRUCTURE PORTEUSE ET PROCÉDÉ DE FABRICATION

Publication
EP 3891347 A1 20211013 (DE)

Application
EP 19817637 A 20191205

Priority
• DE 102018131383 A 20181207
• EP 2019083825 W 20191205

Abstract (en)
[origin: WO2020115210A1] The invention relates to a support structure (1), in particular for use in residential and leisure areas, comprising at least two lateral support elements (10) for laterally supporting and delimiting the support structure (1), a plurality of transverse support elements (20), a plurality of longitudinal support elements (30) and a plurality of tread elements (40), wherein each of the transverse support elements (20) is connected to the two lateral support elements (10); the longitudinal support elements (30) are connected to the transverse support elements (20); and each tread element (40) is connected to one of the longitudinal support elements (30), in particular exclusively to one of the longitudinal support elements (30) and the tread elements (40) form a tread plane (44). The transverse support elements (20), the longitudinal support elements (30), the lateral support elements (10), and the tread elements (40) can each be connected to one another merely by twisting and/or clamping the elements (10; 20; 30; 40) to form the support structure (1). The invention further relates to a method for manufacturing the support structure.

IPC 8 full level
E04C 2/42 (2006.01); **E04F 19/10** (2006.01)

CPC (source: EP)
E04C 2/42 (2013.01); **E04C 2/421** (2013.01); **E04C 2/422** (2013.01); **E04C 2/423** (2013.01); **E04F 15/02188** (2013.01); **E04F 15/02194** (2013.01); **E04F 19/10** (2013.01); **E04F 15/02183** (2013.01); **E04F 2015/02055** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102018131383 A1 20200610; EP 3891347 A1 20211013; WO 2020115210 A1 20200611

DOCDB simple family (application)
DE 102018131383 A 20181207; EP 19817637 A 20191205; EP 2019083825 W 20191205