

Title (en)
LATTICE SUPPORT STRUCTURE

Title (de)
GITTERTRAGWERK

Title (fr)
POUTRE EN TREILLIS

Publication
EP 2235276 A2 20101006 (DE)

Application
EP 09704948 A 20090129

Priority
• EP 2009000581 W 20090129
• DE 202008001272 U 20080129

Abstract (en)
[origin: WO2009095243A2] The present invention relates to a lattice support structure with struts extending longitudinally which are connected together by way of slanted braces and in the operational state of the lattice support structure by braces that run laterally and are provided with a hinge, wherein each brace is connected tiltably to two preferably adjacent struts, wherein at least one connecting brace is provided which connects two non-adjacent, preferably two opposite, struts, and wherein the at least one connecting brace and/or the at least one component of the lattice support structure connected thereto comprises fastening means or is connected or can be connected thereto, wherein the fastening means are designed such that in at least one position thereof a collapse of the lattice support structure is prevented.

IPC 8 full level
E04B 1/344 (2006.01); **E04H 12/10** (2006.01)

CPC (source: EP US)
B66C 23/70 (2013.01 - EP US); **E04B 1/3441** (2013.01 - EP US); **E04H 12/10** (2013.01 - EP US); **E04H 12/18** (2013.01 - EP US); **E04H 12/187** (2013.01 - US)

Citation (search report)
See references of WO 2009095243A2

Cited by
US2012110946A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 202008001272 U1 20090604; CN 101932779 A 20101229; CN 103213908 A 20130724; CN 103216133 A 20130724; EP 2235276 A2 20101006; EP 2235276 B1 20130828; ES 2437146 T3 20140109; HK 1148564 A1 20110909; JP 2011511186 A 20110407; US 2010326004 A1 20101230; US 2014150370 A1 20140605; US 8484925 B2 20130716; WO 2009095243 A2 20090806; WO 2009095243 A3 20091112

DOCDB simple family (application)
DE 202008001272 U 20080129; CN 200980103424 A 20090129; CN 201210510281 A 20090129; CN 201210510283 A 20090129; EP 09704948 A 20090129; EP 2009000581 W 20090129; ES 09704948 T 20090129; HK 11102646 A 20110316; JP 2010544636 A 20090129; US 201313915972 A 20130612; US 86521909 A 20090129