

Title (en)
SLATTED SUPPORT STRUCTURE

Title (de)
LATTENTRAGESTRUKTUR

Title (fr)
STRUCTURE DE SUPPORT À LATTES

Publication
EP 3648637 A1 20200513 (EN)

Application
EP 18734252 A 20180703

Priority
• EP 17179440 A 20170703
• EP 2018067953 W 20180703

Abstract (en)
[origin: WO2019007960A1] A slatted support structure (100) for a bed or a chair, the slatted support structure comprising a frame (130), at least one hinge (110), and at least one slat (140). Each hinge (110) comprising a first beam (111) and a second beam (115) rotatably connected by means of a connecting element (120). The beams (111, 115) are supported by a first and second support (131, 132) of the frame (130). A slat (140) is at a first end (141) supported by the first beam (111) and at a second end (142) by the second beam (115). The connecting element (120) comprises a positioning element (150) connected with the slat (140) or the frame (130) and configured such that an angle between the first beam (111) and the second beam (115) can be chosen and such that the beams can be secured to a fixed position at the chosen angle or to a resilient position wherein the angle can change resiliently around the chosen angle.

IPC 8 full level
A47C 23/06 (2006.01); **A47C 19/04** (2006.01)

CPC (source: EP)
A47C 23/067 (2013.01)

Citation (search report)
See references of WO 2019007960A1

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)
WO 2019007960 A1 20190110; EP 3648637 A1 20200513; EP 3648637 B1 20230830; EP 3648637 C0 20230830

DOCDB simple family (application)
EP 2018067953 W 20180703; EP 18734252 A 20180703