

Title (en)
SELF-ADJUSTING BED

Title (de)
SELBSTANPASSENDES BETT

Title (fr)
LIT AUTORÉGLABLE

Publication
EP 3099199 A1 20161207 (EN)

Application
EP 15740406 A 20150121

Priority
• NO 20140086 A 20140127
• NO 2015050013 W 20150121

Abstract (en)
[origin: WO2015112023A1] A self-adjusting bed (1) comprising - at least two frame cheeks (2), attached to which there are sheaves (23) supporting a belt (22) extending in the longitudinal direction of each of said frame cheeks (2), - a plurality of transverse slats (3), and - at least one supporting device (6) for supporting the transverse slats (3), wherein the supporting device (6) comprises at least two struts (61) and a roller (62), each strut (61) being connected at its proximal end to said roller (62), the roller (62) of the supporting device (6) being arranged to be able to move slidingly and/or rollingly along and in contact with said belt (22), wherein at least one pair of straps (31) extend, in opposite orders, over and under the transverse slats (3), and wherein, from the plurality of transverse slats (3), at least one group of at least two adjacent slats is formed, two or more of the slats (3) of the group being connected to the same supporting device (6) via the distal ends of the struts (61).

IPC 8 full level
A47C 23/00 (2006.01); **A47C 23/06** (2006.01)

CPC (source: EP)
A47C 23/063 (2013.01); **A47C 23/066** (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)
WO 2015112023 A1 20150730; EP 3099199 A1 20161207; EP 3099199 A4 20170823; NO 20140086 A1 20150728; NO 336432 B1 20150817

DOCDB simple family (application)
NO 2015050013 W 20150121; EP 15740406 A 20150121; NO 20140086 A 20140127