

Title (en)
SUPPORT DEVICE

Title (de)
STÜTZEINRICHTUNG

Title (fr)
DISPOSITIF DE SUPPORT

Publication
EP 3704993 B1 20221228 (DE)

Application
EP 20165962 A 20180802

Priority
• DE 102017122499 A 20170927
• DE 102017126092 A 20171108
• EP 18187043 A 20180802

Abstract (en)
[origin: CN109549396A] Provided is a support apparatus for supporting padding of seating and/or lounging furniture that has a base body with spring elements for flat support of the padding and a loading/relief apparatus for achieving pressure loading or relief on the padding. The loading/relief apparatus acts on a spring element to achieve pressure loading or relief. The loading/relief apparatus has an electric motor in operative connection with at least one pressure element by which a pressure force is exerted or exorable on a spring element to achieve pressure loading or relief. The loading/relief apparatus has a first carriage in drive connection with an electric motor and is translationally movable in the longitudinal direction of the support apparatus. The first carriage bears at least one arm whose free end carries the pressure element for load/relief of the spring elements.

IPC 8 full level
A47C 23/06 (2006.01); **A47C 20/04** (2006.01); **A47C 31/12** (2006.01); **A61H 15/00** (2006.01)

CPC (source: CN EP US)
A47C 19/027 (2013.01 - US); **A47C 20/041** (2013.01 - EP); **A47C 23/062** (2013.01 - CN); **A47C 23/066** (2013.01 - EP US); **A47C 23/067** (2013.01 - EP US); **A47C 23/30** (2013.01 - CN); **A47C 27/16** (2013.01 - CN); **A47C 31/123** (2013.01 - CN EP US); **A47C 31/126** (2013.01 - CN); **A61H 15/0078** (2013.01 - EP); **A61H 2201/0142** (2013.01 - EP); **A61H 2201/0146** (2013.01 - EP); **A61H 2201/1654** (2013.01 - EP); **A61H 2201/1669** (2013.01 - EP); **A61H 2203/0443** (2013.01 - EP)

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)
EP 3461372 A1 20190403; **EP 3461372 B1 20201007**; CN 109549396 A 20190402; CN 109549396 B 20220311; EP 3704993 A1 20200909; EP 3704993 B1 20221228

DOCDB simple family (application)
EP 18187043 A 20180802; CN 201811104603 A 20180921; EP 20165962 A 20180802