

Title (en)  
ADJUSTABLE FLOOR SUPPORT SYSTEM

Title (de)  
ANPASSBARES BODENSTÜTZSYSTEM

Title (fr)  
SYSTÈME DE SUPPORT DE PLANCHER AJUSTABLE

Publication  
**EP 4134501 A1 20230215 (EN)**

Application  
**EP 21191041 A 20210812**

Priority  
EP 21191041 A 20210812

Abstract (en)  
An adjustable floor support system having a set of wooden joists (3) provided with a plurality of through holes (8) and a set of adjustable floor supports including a threaded screw (4) and a screw mount (2) configured to engage the threaded screw, Each joist has indentations aligned with each through hole, and each screw mount has at least one pair of arms extending on either side of the joist, each arm in its distal end provided with a finger in snap-fit engagement with one of the indentations, so as to secure the screw mount with respect to the joist in the axial direction while allowing a limited axial play. A damping element is sandwiched between the joist and the supporting surface, to allow a dampened compression of the screw mount corresponding to the axial play.

IPC 8 full level  
**E04F 15/024** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP)  
**E04F 15/02458** (2013.01); **E04F 15/0247** (2013.01); **E04F 15/02476** (2013.01); **E04F 2015/02061** (2013.01)

Citation (applicant)  
• WO 9726424 A1 19970724 - BLOM KENT [SE], et al  
• WO 2021083520 A1 20210506 - GRANAB FOERVALTNING AB [SE]

Citation (search report)  
• [YA] EP 3812534 A1 20210428 - GRANAB FOERVALTNING AB [SE]  
• [YA] AU 2009356091 A1 20120524 - BYGG OCH MILJOTEKNIK GRANAB AB  
• [YD] WO 2021083520 A1 20210506 - GRANAB FOERVALTNING AB [SE]

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

Designated validation state (EPC)  
KH MA MD TN

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