

Title (en)
ADJUSTMENT DEVICE FOR A HEADREST

Title (de)
ANPASSUNGSVORRICHTUNG FÜR EINE KOPFSTÜTZE

Title (fr)
DISPOSITIF DE RÉGLAGE POUR APPUI-TÊTE

Publication
EP 4029409 A1 20220720 (EN)

Application
EP 21206340 A 20211104

Priority
DE 202021100215 U 20210118

Abstract (en)
The adjustment device for a headrest (18) has at least one first headrest holder (1) for holding the headrest (18), at least one stationary first mounting plate (2) on which the first headrest holder (1) is held such that it can pivot about a first axis of rotation (3), a drive unit (4) which has a drive element (5) which is linearly adjustable along a stationary spatial axis (17) between an initial position and an end position, and a coupling element (12) which is articulated at one end to the drive element (5) and at the other end articulated to the first headrest holder (1), wherein a linear movement of the drive element (5) causes a rotation of the first headrest holder (1) about the first axis of rotation (3). In addition, a stop element (19) comes into contact with the coupling element (12) or the first headrest holder (1) in an intermediate position of the drive element (5) and blocks a further rotation of the coupling element (12) relative to the first headrest holder (1) between the intermediate position and the end position.

IPC 8 full level
A47C 7/38 (2006.01)

CPC (source: EP)
A47C 7/38 (2013.01)

Citation (applicant)

- DE 202016102413 U1 20160520 - DONGGUAN WEIHONG HARDWARE & PLASTIC PRODUCTS CO LTD [CN]
- DE 2932344 A1 19810226 - RITTER AG

Citation (search report)

- [X] US 5640730 A 19970624 - GODETTE ROBERT G [US]
- [A] US 9282827 B1 20160315 - LU WEI [CN]
- [A] EP 2893844 A1 20150715 - LUSCH GMBH & CO KG FERD [DE]
- [A] US 2017127844 A1 20170511 - GRONE MATTHIAS [DE]

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)
DE 202021100215 U1 20210204; CN 216932458 U 20220712; EP 4029409 A1 20220720; EP 4029409 B1 20231101; ES 2963167 T3 20240325; PL 4029409 T3 20240205

DOCDB simple family (application)
DE 202021100215 U 20210118; CN 202123085999 U 20211209; EP 21206340 A 20211104; ES 21206340 T 20211104; PL 21206340 T 20211104