

Title (en)

HEIGHT-ADJUSTING APPARATUS FOR A VEHICLE SEAT

Title (de)

HÖHENVERSTELLEINRICHTUNG EINES FAHRZEUGSITZES

Title (fr)

APPAREIL DE RÉGLAGE DE HAUTEUR POUR SIÈGE DE VÉHICULE

Publication

**EP 4334168 A1 20240313 (DE)**

Application

**EP 22725900 A 20220502**

Priority

- DE 102021204486 A 20210504
- EP 2022061653 W 20220502

Abstract (en)

[origin: WO2022233761A1] The invention relates to a height-adjusting apparatus (12) for a vehicle seat (1), which apparatus comprises: a floor assembly (13); a seat part assembly (10); a pivot element (121A) which is pivotable in relation to the floor assembly (13) and in relation to the seat part assembly (10); and a drive device (3) which is designed to pivot the pivot element (121A) in relation to the floor assembly (13) in order to adjust a seat height of the seat part assembly (10); wherein the drive device (3) has a spindle (30), a drive motor (31), and an adjusting gearing (32) which is operatively connected to the spindle (30) and can be driven by the drive motor (31). The spindle (30) is pivotally connected to the floor assembly (13), and the adjusting gearing (32) is pivotally arranged on the pivot element (121A).

IPC 8 full level

**B60N 2/16** (2006.01); **B60N 2/18** (2006.01)

CPC (source: EP KR US)

**B60N 2/1615** (2013.01 - EP KR US); **B60N 2/164** (2013.01 - EP KR US); **B60N 2/18** (2013.01 - KR); **B60N 2/181** (2013.01 - EP);  
**B60N 2/1853** (2013.01 - EP KR)

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

DOCDB simple family (publication)

**DE 102021204486 A1 20221110**; CN 117241963 A 20231215; DE 202022002869 U1 20231018; EP 4334168 A1 20240313;  
KR 20240004971 A 20240111; US 2024140275 A1 20240502; WO 2022233761 A1 20221110

DOCDB simple family (application)

**DE 102021204486 A 20210504**; CN 202280032603 A 20220502; DE 202022002869 U 20220502; EP 2022061653 W 20220502;  
EP 22725900 A 20220502; KR 20237041881 A 20220502; US 202218558521 A 20220502