

Title (en)

VEHICLE SEAT HAVING A BACKREST EQUIPPED WITH SHOCK ABSORBING MEANS

Title (de)

FAHRZEUGSITZ MIT EINER RÜCKENLEHNE, DIE MIT STOSSDÄMPFUNGSMITTELN AUSGESTATTET IST

Title (fr)

SIÈGE POUR VÉHICULE AVEC DOSSIER ÉQUIPÉ DE MOYENS D'AMORTISSEMENT DE CHOC

Publication

**EP 4334170 A1 20240313 (FR)**

Application

**EP 22735533 A 20220426**

Priority

- FR 2104618 A 20210503
- FR 2022050788 W 20220426

Abstract (en)

[origin: CA3214449A1] The invention relates to a seat intended to be fixed to the floor of a vehicle, comprising a seat part incorporating a lower frame, and a backrest incorporating an upper frame secured to the lower frame by at least one fastener (21) that allows the backrest to tilt in the event of an impact, by rotation about a transverse axis (AT), this fastener (21) comprising:- a link rod (24) having a first end (27) connected to the lower frame (8) by a first pivot link (P1) of axis (A1) parallel to the transverse axis (AT), and having a second end (29) connected to the upper frame by way of a second pivot link (P2) of axis (A2) parallel to the transverse axis (AT);- each pivot link (P1, P2) having a rotation brake (33, 37) and/or a system of stops limiting its rotation amplitude; - a sacrificial mechanical link (LF) which connects the lower frame to the upper frame while being situated next to the link rod (24).

IPC 8 full level

**B60N 2/42** (2006.01); **B60N 2/427** (2006.01); **B64D 11/06** (2006.01); **B64D 25/04** (2006.01)

CPC (source: EP US)

**B60N 2/4221** (2013.01 - EP); **B60N 2/42709** (2013.01 - EP); **B64D 11/0619** (2014.12 - EP US)

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)

**FR 3122369 A1 20221104**; **FR 3122369 B1 20230602**; BR 112023022151 A2 20240116; CA 3214449 A1 20221110; CN 117255753 A 20231219; EP 4334170 A1 20240313; JP 2024517247 A 20240419; US 2024228043 A1 20240711; WO 2022234213 A1 20221110

DOCDB simple family (application)

**FR 2104618 A 20210503**; BR 112023022151 A 20220426; CA 3214449 A 20220426; CN 202280032471 A 20220426; EP 22735533 A 20220426; FR 2022050788 W 20220426; JP 2023568084 A 20220426; US 202218558583 A 20220426