

Title (en)

DISENGAGEABLE HINGE ASSEMBLY FOR THE SEAT OF A MOTOR VEHICLE.

Title (de)

AUSKUPPELBARE SCHARNIERANORDNUNG FÜR DEN SITZ EINES KRAFTFAHRZEUGS

Title (fr)

ENSEMBLE D'ARTICULATION DEBRAYABLE POUR SIEGE DE VEHICULE AUTOMOBILE.

Publication

EP 3247583 A1 20171129 (FR)

Application

EP 15830816 A 20151221

Priority

- FR 1550516 A 20150122
- FR 2015053680 W 20151221

Abstract (en)

[origin: WO2016116674A1] The invention relates to a disengageable hinge assembly comprising a first end plate (2) rotatably connected with outer teeth (45), a second end plate (3), a control unit (8) for rotating a cam mechanism and rotating said outer teeth (45) in said inner teeth (55), a rotatably actuatable disengagement member (6) and at least one radially slidably mounted disengagement bush (7), the rotation of said disengagement member (6) radially translating the bush (7) to shift the hinge assembly from a locked configuration wherein the bush (7) rotatably connects said inner teeth (55) and said second end plate (3), to a first unlocked configuration wherein said inner teeth (55) and said second end plate (3) are disconnected, each bush (7) comprising a lug (71) capable of moving in said first unlocked configuration along a first semi-closed guide track provided on said second end plate (3) and extending across a predetermined angular sector.

IPC 8 full level

B60N 2/22 (2006.01); **B60N 2/20** (2006.01); **B60N 2/225** (2006.01)

CPC (source: CN EP)

B60N 2/20 (2013.01 - CN EP); **B60N 2/22** (2013.01 - CN); **B60N 2/2236** (2013.01 - EP); **B60N 2/225** (2013.01 - CN); **B60N 2/2252** (2013.01 - EP)

Citation (search report)

See references of WO 2016116674A1

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)

WO 2016116674 A1 20160728; CN 107428266 A 20171201; EP 3247583 A1 20171129; FR 3031942 A1 20160729; FR 3031942 B1 20170120

DOCDB simple family (application)

FR 2015053680 W 20151221; CN 201580074250 A 20151221; EP 15830816 A 20151221; FR 1550516 A 20150122