

Title (en)
DEVICE AND METHOD FOR SEAT COMPONENT ADJUSTMENT, AND SEAT

Title (de)
SITZKOMPONENTEN-VERSTELLVORRICHTUNG UND -VERFAHREN SOWIE SITZ

Title (fr)
DISPOSITIF ET PROCEDE DE REGLAGE D'UN COMPOSANT DE SIEGE ET SIEGE

Publication
EP 1954521 A2 20080813 (DE)

Application
EP 06818854 A 20061127

Priority

- EP 2006011364 W 20061127
- DE 102005057462 A 20051201

Abstract (en)
[origin: CA2627243A1] The invention relates to a compact seat component adjustment device with a high gear ratio, said device comprising an electric motor (10), a worm gear (11, 12) which is coupled to the electric motor on the input side, an eccentric gear (13, 14) which is coupled to the worm gear on the input side, and a rotary element (17) which is coupled to the eccentric gear (13, 14) by means of the coupling means (21, 22). The coupling means (21, 22) are embodied in such a way that a tumbling motion of a rotor (13) of the eccentric gear is converted into a rotational movement of the rotary element (17).

IPC 8 full level
B60N 2/02 (2006.01); **B60N 2/06** (2006.01); **B60N 2/22** (2006.01); **B60N 2/225** (2006.01); **B60N 2/48** (2006.01); **B60N 2/66** (2006.01); **B60N 2/75** (2018.01); **F16H 1/32** (2006.01); **F16H 37/04** (2006.01)

CPC (source: EP KR US)
B60N 2/02 (2013.01 - KR); **B60N 2/02246** (2023.08 - EP US); **B60N 2/06** (2013.01 - KR); **B60N 2/2231** (2013.01 - EP US); **B60N 2/2252** (2013.01 - EP US); **B60N 2/933** (2018.01 - EP US); **F16H 37/041** (2013.01 - EP US); **F16H 1/16** (2013.01 - EP US); **F16H 1/32** (2013.01 - EP US); **Y10T 74/1836** (2015.01 - EP US)

Citation (search report)
See references of WO 2007062792A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005057462 A1 20070606; **DE 102005057462 B4 20100729**; CA 2627243 A1 20070607; CN 101356073 A 20090128; EP 1954521 A2 20080813; JP 2009517105 A 20090430; KR 20080065663 A 20080714; US 2009045661 A1 20090219; WO 2007062792 A2 20070607; WO 2007062792 A3 20070719

DOCDB simple family (application)
DE 102005057462 A 20051201; CA 2627243 A 20061127; CN 200680041707 A 20061127; EP 06818854 A 20061127; EP 2006011364 W 20061127; JP 2008541657 A 20061127; KR 20087011888 A 20080519; US 9312906 A 20061127