

Title (en)

SAFETY DEVICE FOR AN AUTOMOTIVE SEAT AND METHOD FOR CONTROLLING THE SAME

Title (de)

SICHERHEITSVORRICHTUNG FÜR EINEN KRAFTFAHRZEUGSITZ UND VERFAHREN ZU DEREN ANSTEUERUNG

Title (fr)

DISPOSITIF DE SECURITE POUR UN SIEGE DE VEHICULE ET PROCEDE POUR LE METTRE EN MARCHÉ

Publication

**EP 1781491 A2 20070509 (DE)**

Application

**EP 06705818 A 20060116**

Priority

- DE 2006000080 W 20060116
- DE 102005003187 A 20050119
- US 64457505 P 20050119
- DE 102005027911 A 20050610

Abstract (en)

[origin: WO2006076898A2] The invention relates to a safety device for an automotive seat (1) comprising a seat surface (3) extending along a seat longitudinal direction (X) to be occupied by an individual (2) sitting on the seat surface (3), a safety element (4) associated with the seat surface (3) and an adjusting device (5) functionally linked with the safety element (4) and adjusting the safety element (4) in the event of a crash from a reclining position (R) to a safety position (S) and returning the safety element (4) from the safety position (S) to the reclining position (R). The safety element (4), in the safety position (S) and without changing the spatial position thereof, acts upon the seat surface (3) in such a manner that the seat surface (3) and the safety element (4) counteract a forward displacement in the seat longitudinal direction (X) of the pelvis of an individual (2) sitting on the seat surface (3). The adjusting device (5) is adapted and configured to adjust the safety element (4) to at least one intermediate position (Z) between the safety position (S) and the reclining position (R).

IPC 8 full level

**B60N 2/42** (2006.01); **B60N 2/90** (2018.01)

CPC (source: EP US)

**B60N 2/02246** (2023.08 - EP US); **B60N 2/0244** (2013.01 - EP US); **B60N 2/026** (2023.08 - EP); **B60N 2/42763** (2013.01 - EP US); **B60N 2/4279** (2013.01 - EP US); **B60N 2/986** (2018.02 - EP US); **B60N 2/026** (2023.08 - US); **B60N 2002/981** (2018.02 - EP US)

Designated contracting state (EPC)

DE FR GB SE

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**WO 2006076898 A2 20060727**; **WO 2006076898 A3 20070322**; CN 100542849 C 20090923; CN 100575146 C 20091230; CN 101107146 A 20080116; CN 101107148 A 20080116; EP 1781491 A2 20070509; EP 2025553 A2 20090218; EP 2025553 A3 20090422; EP 2025553 B1 20110323; US 2008023951 A1 20080131; US 7478873 B2 20090120

DOCDB simple family (application)

**DE 2006000080 W 20060116**; CN 200680002734 A 20060118; CN 200680002735 A 20060116; EP 06705818 A 20060116; EP 08075889 A 20060116; US 82639307 A 20070713