

Title (en)

AIRBAG DEVICE AND METHOD FOR OPERATING THE SAME

Title (de)

AIRBAGVORRICHTUNG UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF D'AIRBAG ET SON PROCEDE DE FONCTIONNEMENT

Publication

**EP 1322504 A1 20030702 (DE)**

Application

**EP 01983503 A 20010925**

Priority

- DE 20016554 U 20000925
- EP 0111085 W 20010925

Abstract (en)

[origin: WO0224491A1] The invention relates to an airbag device (1) comprising a gas generator (5) and an airbag (18) to be accommodated begin at least one cover (31) that can be displaced from a closed position, in which it is integrated into the vehicle's paneling, into an open position, in which it is disposed behind the paneling, when the airbag device (1) is activated by drive means (41). In said open position, the airbag device does not substantially project beyond the vehicle's paneling in the direction of a passenger. The drive means (41) comprise at least one rotating piston (4) that can be rotated in a guide chamber along a rotation path from an initial position into an end position by impinging it with pressurized gas, thereby optionally taking along the cover from the closed position to the open position. The invention further relates to a method for operating an airbag device.

IPC 1-7

**B60R 21/20**

IPC 8 full level

**B60R 21/2155** (2011.01); **B60R 21/217** (2006.01); **B60R 21/16** (2006.01); **B60R 21/215** (2011.01)

CPC (source: EP US)

**B60R 21/2155** (2013.01 - EP US); **B60R 21/2171** (2013.01 - EP US); **B60R 2021/161** (2013.01 - EP US)

Citation (search report)

See references of WO 0224491A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0224491 A1 20020328**; EP 1322504 A1 20030702; US 2003116944 A1 20030626; US 6679519 B2 20040120

DOCDB simple family (application)

**EP 0111085 W 20010925**; EP 01983503 A 20010925; US 36045503 A 20030206