

Title (en)
SAFETY DEVICE FOR CHILD SAFETY SEATS OF MOTOR VEHICLES

Title (de)
SICHERHEITSEINRICHTUNG FÜR KINDERSITZE VON KRAFTFAHRZEUGEN

Title (fr)
DISPOSITIF DE SECURITE POUR DES SIEGES POUR ENFANTS DE VEHICULES A MOTEURS

Publication
EP 1446309 A1 20040818 (DE)

Application
EP 02792749 A 20021111

Priority
• DE 10157707 A 20011121
• EP 0212574 W 20021111

Abstract (en)
[origin: WO03043859A1] The invention relates to a safety device for child safety seats that are detachably fastened in a motor vehicle. The inventive safety device comprises a first inflatable airbag (9) that is received, in its non-activated state, in a housing (11) provided with a predetermined breaking point, and that is comprised of a center cushion (19) and two lateral cushions (21) each next to it, and a second airbag (22, 36) that is effective in a region of the front end of the back rest (7) of the child safety seat (5). The top end of said second airbag, in its activated state, extends into the region of the top end of the back rest (7). Said airbag (22, 36) can either be detachably fastened on the back rest (7) or is configured thereon and comprises at least one connection for a detachable, preferably insertable connection, in order to be activated by the control unit of the motor vehicle or to be filled by an air cushion (24, 38) that is provided in the front zone of the seat (6) of the child safety seat.

IPC 1-7
B60R 21/20; **B60N 2/28**

IPC 8 full level
B60N 2/28 (2006.01); **B60N 2/90** (2018.01); **B60R 21/207** (2006.01); **B60R 21/26** (2011.01); **B60R 21/00** (2006.01); **B60R 21/16** (2006.01); **B60R 21/233** (2006.01)

CPC (source: EP)
B60N 2/2851 (2013.01); **B60N 2/2869** (2013.01); **B60N 2/2884** (2013.01); **B60N 2/914** (2018.01); **B60R 21/2072** (2013.01); **B60R 21/26005** (2013.01); **B60R 2021/0004** (2013.01); **B60R 2021/0011** (2013.01); **B60R 2021/23324** (2013.01)

Citation (search report)
See references of WO 03043859A1

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

DOCDB simple family (publication)
WO 03043859 A1 20030530; AU 2002358494 A1 20030610; DE 10157707 A1 20030605; EP 1446309 A1 20040818

DOCDB simple family (application)
EP 0212574 W 20021111; AU 2002358494 A 20021111; DE 10157707 A 20011121; EP 02792749 A 20021111