

Title (en)
APPARATUS AND METHOD FOR CONTROLLING AN INFLATABLE CUSHION

Title (de)
VORRICHTUNG UND VERFAHREN ZUR STEUERUNG EINES AUFBLASBAREN KISSENS

Title (fr)
APPAREIL ET PROCEDE DE COMMANDE D'UN COUSIN GONFLABLE

Publication
EP 2134574 A1 20091223 (EN)

Application
EP 08733096 A 20080403

Priority
• US 2008059262 W 20080403
• US 90993607 P 20070403

Abstract (en)
[origin: WO2008124499A1] A control device for modifying the deployment characteristics of an inflatable cushion of an airbag module, the control device comprising: a releasable retention device, a first end of the releasable retention device being releasably secured to an inner surface of the inflatable cushion at a first location, the releasable retention device being configured to limit deployment of the inflatable cushion in a first direction when the releasable retention device is secured to the first location of the inflatable cushion; a sensing device for releasing the releasable retention device from the first location, the sensing device being fixedly secured to the inner surface of the inflatable cushion at a second location remote from the first location and releasably secured to the releasable retention device, the sensing device being configured to release the releasable retention device from the first location when the second location of the inflatable cushion travels a predetermined distance during inflation; and a venting tether secured to the inner surface of the inflatable cushion at one end, the venting tether being configured to allow venting through at least one vent opening when the releasable retention device is secured to the inner surface of the inflatable cushion and the at least one vent opening is covered by the venting tether when the releasable retention device is released from the inner surface of the inflatable cushion.

IPC 8 full level
B60R 21/16 (2006.01); **B60R 21/2338** (2011.01)

CPC (source: EP KR)
B60R 21/01516 (2014.10 - EP); **B60R 21/16** (2013.01 - KR); **B60R 21/2334** (2013.01 - KR); **B60R 21/2338** (2013.01 - EP KR); **B60R 21/276** (2013.01 - EP); **B60R 21/0153** (2014.10 - EP); **B60R 2021/23384** (2013.01 - EP)

Citation (search report)
See references of WO 2008124499A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008124499 A1 20081016; CN 101652274 A 20100217; CN 101652274 B 20120104; EP 2134574 A1 20091223; JP 2010523399 A 20100715; KR 101047070 B1 20110707; KR 20090117834 A 20091112

DOCDB simple family (application)
US 2008059262 W 20080403; CN 200880011440 A 20080403; EP 08733096 A 20080403; JP 2010502292 A 20080403; KR 20097020733 A 20080403