

Title (en)
SIDE CURTAIN AIRBAG WITH FABRIC DIFFUSER

Title (de)
SEITENVORHANGSAIRBAG MIT STOFFSTREUER

Title (fr)
COUSSIN GONFLABLE EN RIDEAU LATÉRAL AVEC DIFFUSEUR EN TISSU

Publication
EP 2429866 A4 20131002 (EN)

Application
EP 10775606 A 20100514

Priority
• US 2010034925 W 20100514
• US 17875509 P 20090515

Abstract (en)
[origin: WO2010132786A2] An inflatable cushion for a side of a vehicle, the inflatable cushion having: a first cushion section formed from a first sheet of material secured to a second sheet of material, the first cushion section having a plurality of separate inflatable cells each of which having an inlet opening for receipt of an inflation gas; an internal passageway formed in the first cushion section, the internal passageway linking and fluidly coupling to each of the plurality of separate inflatable cells via the inlet opening of each of the plurality of separate inflatable cells, the internal passageway being formed by an upper portion of the first sheet of material and an upper portion of the second sheet of material; a fabric diffuser member secured in the internal passageway, the fabric diffuser member being configured to supply the inflation gas to each of the plurality of separate inflatable cells; and means for restricting fluid flow between the plurality of inflatable cells by limiting fluid flow between an exterior portion of the fabric diffuser member and an interior surface of the internal passageway proximate to an edge of the inlet openings of the plurality of inflatable cells.

IPC 8 full level
B60R 21/232 (2011.01); **B60R 21/2346** (2011.01); **B60R 21/235** (2006.01)

CPC (source: EP)
B60R 21/232 (2013.01); **B60R 21/2346** (2013.01); **B60R 21/235** (2013.01); **B60R 2021/23538** (2013.01); **B60R 2021/23576** (2013.01)

Citation (search report)
• [X] US 2006017267 A1 20060126 - FINK MICHAEL F [US]
• [X] DE 102006059311 A1 20080619 - AUTOLIV DEV [SE]
• [XI] US 2006192369 A1 20060831 - TAYLOR IAN [GB], et al
• See references of WO 2010132786A2

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

DOCDB simple family (publication)
WO 2010132786 A2 20101118; **WO 2010132786 A3 20110310**; EP 2429866 A2 20120321; EP 2429866 A4 20131002

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