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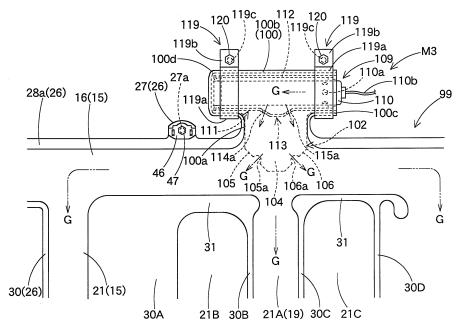
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(54) Head protecting airbag device

(57) A head protecting airbag device comprises an airbag (98) folded and housed above the upper edge of a window. Opening faces of first and second gas outlet holes (105a, 106a) in an outlet side portion (104) arranged near a gas inlet port (100) are oblique to the ver-

tical direction when the inflating gas flows out, and the inflating gas spurting from said first and second gas outlet holes (105a, 106a) are released in two directions, i.e., downward and to the front, and downward and to the rear, in the longitudinal direction of said airbag body (99).

Fig.17





EUROPEAN SEARCH REPORT

Application Number EP 09 17 0564

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Category	Citation of document with in of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
Х	US 2001/035633 A1 (AL) 1 November 2001 * abstract * * paragraphs [0068]	ICHIZO KOBAYASHI ET (2001-11-01) - [0070]; figure 8 *	1	INV. B60R21/16 B60R21/26	
E	JP 2003 291766 A (T 15 October 2003 (20 * abstract; figure 3	03-10-15)	1-3		
E	JP 2002 337646 A (To 27 November 2002 (20 * abstract; figure	902-11-27)	1		
A,D	JP 2000 296753 A (H 24 October 2000 (20 * abstract; figure	00-10-24)	1		
				TECHNICAL FIELDS SEARCHED (IPC)	
	The present search report has b	•			
Place of search		Date of completion of the searc		Examiner Sleightholme-Albanis	
	Berlin	16 July 2010			
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with anoth document of the same category A: technological background		E : earlier pater after the filin er D : document ci L : document ci	ited in the application ted for other reasons	ished on, or	
O : non-written disclosure P : intermediate document		& : member of t	& : member of the same patent family, document		

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 09 17 0564

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

16-07-2010

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2001035633	A1	01-11-2001	DE JP	10119198 2002178871		22-11-200 26-06-200
JP 2003291766	Α	15-10-2003	JР	4055582	B2	05-03-2008
JP 2002337646	Α	27-11-2002	JР	3724383	B2	07-12-200
JP 2000296753	Α	24-10-2000	JР	3138816	B2	26-02-200

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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