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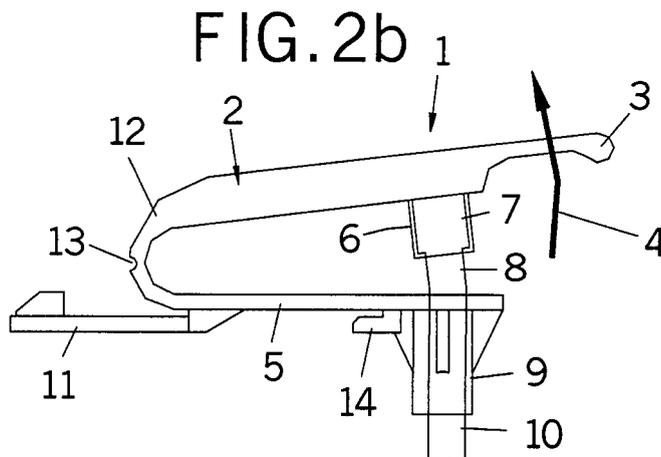
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(54) **Actuating handle for opening a motor vehicle bonnet**

(57) It comprises a handle section (2) adapted to act on one end of a driving cable (8) running inside a sheath (10) intended for releasing the motor vehicle bonnet, elastic means for returning of the position of said handle body (2) and a supporting section (5) of said handle (1). The handle section (2), the elastic means and the supporting section (5) of said actuating handle (1) are all formed in a single piece of elastic material. The handle section (2) extends into the supporting section. The han-

dle section comprises clamping means (6) of the end of the cable (8) and the supporting section (5) includes a retaining means of the sheath of said cable (8) inside of which the cable may be displaced. The clamping means and the retaining means are aligned to each other in a rest position.

The simplified configuration of the actuating handle provides many advantages such a reducing costs and problems during operation.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 0 251 844 A1 (AUTOMOBILES PEUGEOT; AUTOMOBILES CITROEN) 7 January 1988 (1988-01-07) * the whole document *	1,5	INV. E05B65/19 E05B1/00 E05B15/16
Y	----- * the whole document *	2-4	
X	GB 2 295 352 A (FORD MOTOR COMPANY LIMITED) 29 May 1996 (1996-05-29) * the whole document *	1	
Y	----- DE 100 46 115 A1 (HYUNDAI MOTOR CO.) 5 July 2001 (2001-07-05) * the whole document *	2-4	
A	----- US 6 092 845 A (KOENIG PETER C.) 25 July 2000 (2000-07-25) * figures 4-6 *	1-3,5	
A	----- DE 198 09 449 A1 (VOLKSWAGEN AG) 9 September 1999 (1999-09-09) * figures 1-4 *	1-3	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05B B60N B25G G05G B62D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 January 2007	Examiner Cruyplant, Lieve
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03/82 (P04/C01)

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

EP 04 38 0185

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
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26-01-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0251844	A1	07-01-1988	DE 3762441 D1 31-05-1990 FR 2600364 A1 24-12-1987
GB 2295352	A	29-05-1996	NONE
DE 10046115	A1	05-07-2001	AU 7153100 A 05-07-2001 JP 2001180528 A 03-07-2001 KR 20010056668 A 04-07-2001 US 6474190 B1 05-11-2002
US 6092845	A	25-07-2000	NONE
DE 19809449	A1	09-09-1999	NONE