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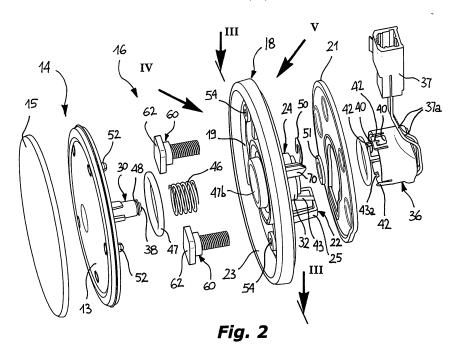
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## (54) Release device, particularly for a motor vehicle door

(57) A release device, particularly for a motor vehicle door, comprises a base body (18) intended to be applied on the outer face of a door (12), having an axial appendage (22) which can be inserted in a corresponding opening (20) of the door (12). The axial appendage (22) includes a tubular portion (24) provided with a bottom wall (26) which has a hole (28) intended to be slidably en-

gaged by a cylindrical member (30) projecting axially from a button (14) to be associated with the base body (18) with a possibility of a relative movement. The tubular portion (24) has connection means (34) for allowing a switch unit (36) to be removably fastened, which swich unit can be operated as a result of an axial movement of a free end (38) of the cylindrical member (30) of the button (18).





# **EUROPEAN SEARCH REPORT**

Application Number EP 09 00 1950

		ERED TO BE RELEVANT		
Category	Citation of document with i of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Х	ET AL) 3 May 1994 (	REVEN CHRISTOPHER P [US] (1994-05-03) 5 - column 4, line 26 *	1,3-12	INV. E05B65/12 E05B17/22 E05B1/00
Х	WO 2004/057135 A2 ( SEGURIDAD Y DE [ES] JOSE-ANTONIO [ES) 8 * page 5, line 25 * figures 1-11 *	; HERRERO PELLICER 3 July 2004 (2004-07-08)	1-6,8-12	
Х	NISSAN MOTOR [JP] N 12 June 2002 (2002-		1-6,9-12	
X	SPA [IT]) 29 August	ALEO SICUREZZA ABITACOLO : 2001 (2001-08-29) - paragraph [0019] *	1-12	TECHNICAL FIELDS SEARCHED (IPC) E05B
	The present search report has	been drawn up for all claims		
	Place of search	Date of completion of the search		Examiner
	The Hague	25 April 2013	Ant	onov, Ventseslav
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another icularly relevant if combined with another icularly relevant eategory inological background written disclosure mediate document	L : document cited fo	ument, but publise the application r other reasons	hed on, or

EPO FORM 1503 03.82 (P04C01)

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

EP 09 00 1950

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.

25-04-2013

	Patent document ed in search report		Publication date		Patent family member(s)		Publication date
US	5308943	Α	03-05-1994	NONE			
WO	2004057135	A2	08-07-2004	AT AU EP ES WO	484643 7 2003303224 <i>F</i> 1579097 <i>F</i> 2354519 7 2004057135 <i>F</i>	A1 A2 T3	15-10-20 14-07-20 28-09-20 15-03-20 08-07-20
EP	1213733	A2	12-06-2002	EP JP JP US	1213733 A 3907403 E 2002175736 A 2002079206 A	B2 A	12-06-20 18-04-20 21-06-20 27-06-20
EP	1128003	A1	29-08-2001	EP	1128003 <i>A</i>	 Δ1	29-08-20
				ÎT	T020000173 A		
							23-08-20