



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 128 004 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
05.06.2002 Bulletin 2002/23

(51) Int Cl.7: **E05B 7/00, E05B 65/20**

(43) Date of publication A2:
29.08.2001 Bulletin 2001/35

(21) Application number: **01104177.9**

(22) Date of filing: **21.02.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:
• **Agostini, Astorre**
10091 Alpignano (IT)
• **Martino, Ambrogio**
10074 Lanzo Torinese (IT)

(30) Priority: **22.02.2000 IT TO000164**

(74) Representative: **Cerbaro, Elena, Dr. et al**
STUDIO TORTA S.r.l.,
Via Viotti, 9
10121 Torino (IT)

(71) Applicant: **Valeo Sicurezza Abitacolo S.p.A.**
10026 Santena (IT)

(54) **Vehicle door handle**

(57) A handle (1) for a vehicle door (2), wherein accidental rotation, due to impact, of a rocker arm (6) about an axis (7) and from a closed position to an open position respectively closing and opening a lock (5) on the door (2) is prevented by a pendulum-type retaining body (9),

which is connected to a fixed fork (20) by means of at least one rigid pin (27) (41, 42), and rotates by force of inertia, on the fork (20) and in opposition to a spring (30) (45), into a retaining position retaining the rocker arm (6) in the closed position.

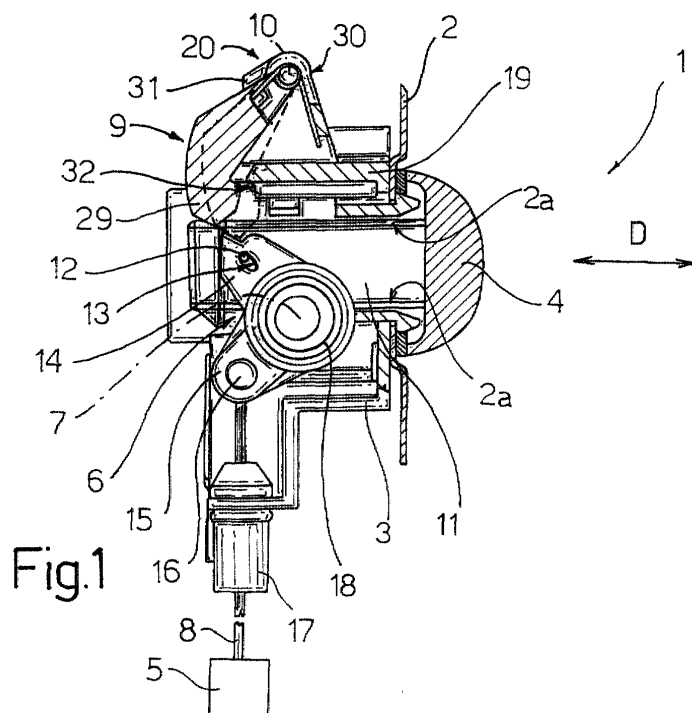


Fig.1

EP 1 128 004 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 10 4177

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	US 3 719 248 A (GMEINER G ET AL) 6 March 1973 (1973-03-06) * the whole document *	1	E05B7/00 E05B65/20
A	US 6 007 122 A (LINDER ANTON ET AL) 28 December 1999 (1999-12-28) * the whole document *	1	
A	DE 195 11 651 A (VOLKSWAGENWERK AG) 19 October 1995 (1995-10-19) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E05B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 April 2002	Westin, K
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			

EPO FORM 1503 03.82 (P04C01)

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

EP 01 10 4177

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.

11-04-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 3719248	A	06-03-1973	DE	2023859 A1	25-11-1971
			FR	2091627 A5	14-01-1972
			JP	54042488 B	14-12-1979
US 6007122	A	28-12-1999	DE	19610200 A1	18-09-1997
			BR	9701288 A	10-11-1998
			EP	0795667 A2	17-09-1997
DE 19511651	A	19-10-1995	DE	19511651 A1	19-10-1995