11) Publication number:

0 218 559

A3

12

EUROPEAN PATENT APPLICATION

(21) Application number: 86830275.3

(51) Int. Cl.3: H 01 H 13/02

(22) Date of filing: 01.10.86

- 30 Priority: 03.10.85 IT 2332285 U
- (43) Date of publication of application: 15.04.87 Bulletin 87/16
- 88 Date of deferred publication of search report: 24.05.89
- 84 Designated Contracting States: DE ES FR GB

(71) Applicant: CAVIS CAVETTI ISOLATI S.p.A. Via Roma, 31

I-15023 Felizzano (Alessandria)(IT)

72 Inventor: Codrino, Giuseppe

Via Stazione, 2

I-15028 Quattordio (Alessandria)(IT)

74) Representative: Cicogna, Franco

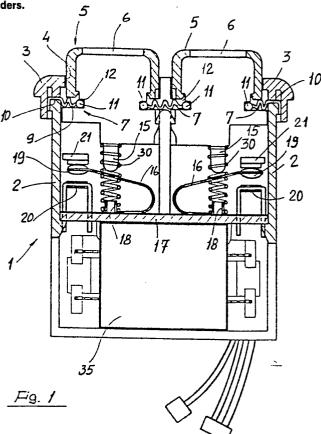
Ufficio Internazionale Brevetti Dott. Prof. Franco Cicogna

Via Visconti di Modrone, 14/A

I-20122 Milano(IT)

(54) A switch structure for motor vehicle electrical window winders.

(57) A switch structure for motor vehicle electric window winders is characterised by the fact that it comprises a box-like body closed at the top by a frame, which defines seatings for housing a plurality of push-buttons contacting a resilient, electrically conductive, movable blade supported at one end by a fixed contact on a printed circuit connected to the motor, and at the other end movable between a negative fixed contact and a positive fixed contact.





EUROPEAN SEARCH REPORT

Application Number

EP 86 83 0275

Category	Citation of document with in of relevant pa	ndication, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	DE-A-2649944 (FINSTERNO	~~ · · · · · · · · · · · · · · · · · ·	1-6	H01H13/02
_	* page 3 - 7 *		1-6	NO1N15/02
Y	FR-A-2127262 (OREOR)		1, 4-6	
	* page 3, line 15 - page 4, line 10 *			
	* page 5, line 8 - line 11; claim 1 *			
Y A	DE-U-1890267 (NERMLE)		2, 3	
	* claim 1 *			
	FR-A-2428315 (NISSAN)			
^	* page 3, line 2 - page 5, line 33 *		1	
	Page by Line is page by Line by A			
A	US-A-1499370 (JAMES)		1, 4	
	* figures 1-3 *			
A	FR-A-1531565 (EUROP MANUFACTURING TRUST)		1, 4	
	* page 2, left-hand column, paragraph 3; figure		' '	
	4 *		ŀ	
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				SEARCHED (Int. C.4)
				нотн
<u> </u>				
	The present search report has I	een drawn up for all claims		
	Place of search	Nate of completion of the search		Examiner
	THE HAGUE	21 MARCH 1989	DES	MET W.H.G.
	CATEGORY OF CITED DOCUME		iple underlying th	e invention
X : pa	rticularly relevant if taken alone	E : earlier patent d	locument, but pub	lished on, or
Y:pa	rticularly relevant if combined with an cument of the same category	other D: document cited	date I in the applicatio for other reasons	n
do	cument of the same category	l.: document cited	IOL UIBBL toscouc	