



(11) Publication number : **0 461 082 A3**

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number : **91830217.5**

(51) Int. Cl.⁵ : **F02P 7/063, H01H 13/18**

(22) Date of filing : **23.05.91**

(30) Priority : **04.06.90 IT 2051790**

(43) Date of publication of application :
11.12.91 Bulletin 91/50

(84) Designated Contracting States :
AT BE CH DE ES FR GB LI NL

(88) Date of deferred publication of search report :
20.10.93 Bulletin 93/42

(71) Applicant : **SIN.CROS M.D. S.r.l.**
Via E. Stucchi, 16
I-22075 Lurate Caccivio (Como) (IT)

(72) Inventor : **Di Sisto, Luciano**
SIN. CROS M.D. S.r.l., Via E. Stucchi, 16
I-22075 Lurate Caccivio (Como) (IT)
Inventor : **Maniglia, Giovanni**
SIN. CROS M.D. S.r.l., Via E. Stucchi, 16
I-22075 Lurate Caccivio (Como) (IT)

(74) Representative : **Cicogna, Franco**
Ufficio Internazionale Brevetti Dott.Prof.
Franco Cicogna Via Visconti di Modrone, 14/A
I-20122 Milano (IT)

(54) **Wheel movable contact for internal combustion engine coil ignition system.**

(57) There is disclosed a movable contact construction, including a contact wheel, which has been specifically designed for improving the construction of the coil ignition system of internal combustion engines.

The contact construction comprises an electrically conductive body, in the inside of which there is arranged a movable contact electrically coupled to this body through resilient biasing means and a flexible bridging element, the movable contact cooperating with a fixed contact which is electrically insulated from the mentioned body and is electrically coupled to a plug-in element which can be accessed from the outside of the body, a driving element being moreover provided for operating the movable contact, which is driven by a cam element for electrically disconnecting it from the fixed contact.

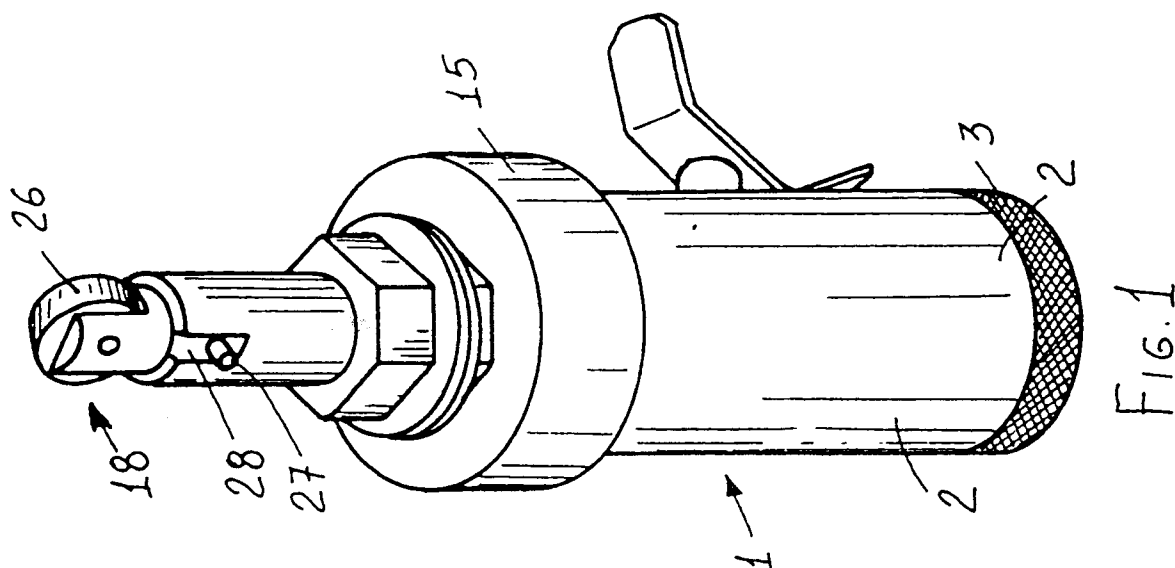


FIG. 1

EP 0 461 082 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 91 83 0217

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.5)
Y	US-A-3 987 266 (BETZ)	1,2,4, 7-9	F02P7/063 H01H13/18
A	* column 1, line 23 - line 56; figure 1 *	6	
Y	EP-A-0 115 281 (OMRON TATEISI ELECTRONICS CO.)	1,2,4, 7-9	
A	* page 5, line 16 - page 9, line 22; figures 1,2 *	10	
A	US-A-3 566 053 (GAUSE)		
A	US-A-3 649 785 (DIETRICH)		
A	GB-A-892 650 (WILKINS & MITCHELL LTD)		
A	US-A-3 078 357 (FREDERICK)		
A	GB-A-207 075 (TAYLOR)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			F02P H01H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26 AUGUST 1993	Examiner MICHELS J.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 03.82 (P0401)