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54 Method of and device for providing an electrical signal in an ignition system.

57 The firing of a spark plug of an internal combustion engine is triggered by a Hall effect device (11) mounted adjacent to an annular magnet (10) which is rotated by the engine. On a peripheral surface (15) of the magnet, are adjacent magnetic pole faces of opposite polarity.

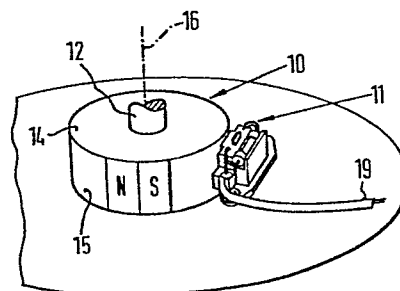


FIG. 2

0044744



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application number

EP 81 30 3345.3

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	<u>US - A - 4 155 340</u> (J.F. FERNQUIST et al.) * complete document * --	1,2, 4,5, 7-9	F 02 P 7/06 F 02 P 3/04
	<u>DE - A1 - 2 646 797</u> (R. BOSCH) * complete document * --	1,2, 4,5 7,8	
A	<u>US - A - 3 875 920</u> (M. WILLIAMS) --	1	TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )
A	<u>FR - A - 2 389 012</u> (MOTOROLA) ----	1	F 02 P 7/06 F 02 P 3/04
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
<input checked="" type="checkbox"/> The present search report has been drawn up for all claims			&: member of the same patent family. corresponding document
Place of search		Date of completion of the search	Examiner
Berlin		19-11-1981	BORRELLY