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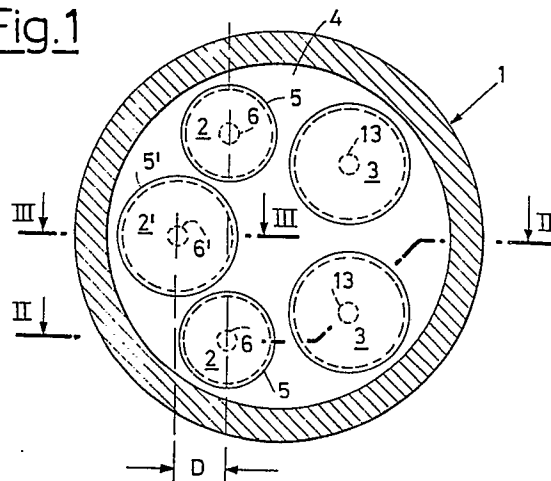
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54 **System of valves and related operating devices for internal combustion engines having high specific horsepower.**

57 Each cylinder (1) of the internal combustion engine comprises a group of intake valves (2, 2') and a group of exhaust valves (3). At least one (2, 2') of said groups is formed by three circumferentially spaced out valves (2, 2') operated by a single camshaft (9). Of said three valves the two lateral ones (2) are of smaller diameter with respect to the central one (2') and have stems (6) which are parallel to one another and inclined with respect to that (6') of the central valve (2'). At least one of said stems (6, 6') has its axis displaced laterally with respect to the axis of rotation (10) of the camshaft (9). Means (18, 18') are provided for offsetting the lateral displacement of the above axis.

Fig.1





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EUROPEAN SEARCH REPORT

Application Number

EP 89 20 1024

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.4)
X	PATENT ABSTRACTS OF JAPAN vol. 9, no. 272 (M-425)(1995) 30 October 1985, & JP-A-60 116817 (YAMAHA HATSUDOKI K.K.) 24 June 1985, * the whole document *	1-5	F02F1/42 F01L1/26 F01L1/04
A	EP-A-262250 (AUDI AG) * the whole document *	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F02F F01L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04 DECEMBER 1989	Examiner WASSENAAR G. <i>[Signature]</i>
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			