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⑤4 Heavy-duty rocker arm.

(57) A heavy-duty rocker arm construction is provided, particularly for diesel engines. The rocker arm (20) is stamped and consists of two stamped metal sheets (32, 60) each having wide portions jointed by a narrow web portion. The wide portions are turned back around the web portion and are located in continuous relationship to form the main body portion of the rocker arm (20) and with push rod screws (86) and stem pads (84) carried by the now-looped web portions. The resulting four layers (34, 36, 62, 64) of metal in the main body portion of the rocker arm (20) provide the desired strength at the middle portion without resulting in excessive weight in the outer end portions of the rocker arm.

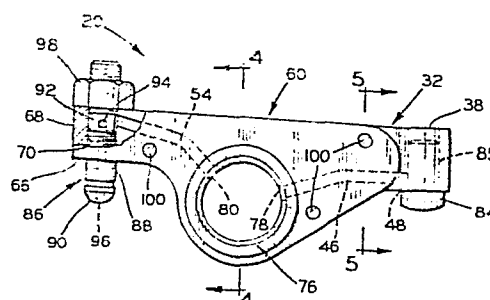


FIG. 2

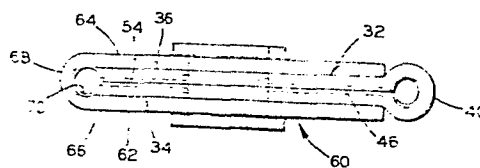


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

0074875

Application number

EP 82 40 1592

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. ³)
A	US-A-3 222 950 (WINTER) *Figures 1-12; column 2, line 5 - column 4, line 54*	1	F 01 L 1/18
A	--- US-A-2 578 638 (WINTER) *Figures 1-2; column 2, line 16 - column 3, line 4*	1	
A	--- US-A-2 811 959 (ETCHELLS) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			F 01 L
Place of search THE HAGUE		Date of completion of the search 07-03-1983	Examiner VON ARX H.P.
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	