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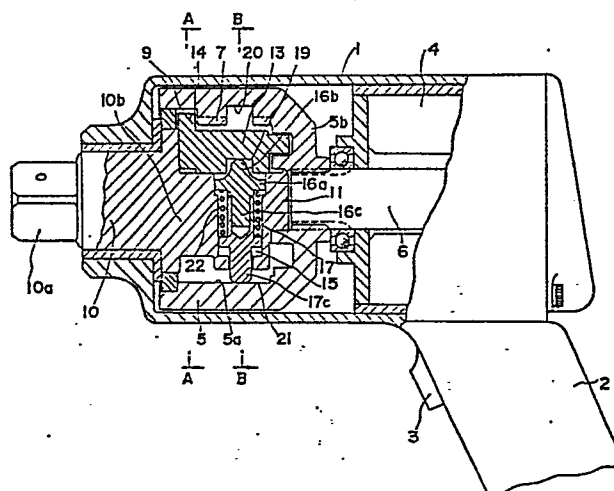
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(54) An impact wrench.

(57) An impact wrench for using fastening or unfastening fasteners comprises a cylindrical rotor (5) coupled to a motor shaft (6), said cylindrical rotor including a projection (7) on its inner surface, the projection having a circumferential width and an axial length; an anvil (10) coupled to said cylindrical rotor, the anvil including a hammer member (13) capable of rocking therein, the hammer member being engageable with said projection; a springloaded pusher (16) for urging said hammer member towards said projection, wherein a spring support (17) slides either on a deep cam face or a shallow cam face both produced on said inner surface of the cylindrical rotor, thereby allowing said spring to become compressed or relaxed against said hammer member.

FIG.1





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EUROPEAN SEARCH REPORT

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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)
A	FR-A-2 498 510 (K.K. KUKEN) * Figures 1-9 * & JP - A - 57 127 678 (Cat. D)	1-3	B 25 B 21/02
A	DE-A-2 216 497 (ATLAS)		
A	DE-C- 958 280 (FRANKFURTER)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 25 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-04-1985	Examiner LOKERE 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	