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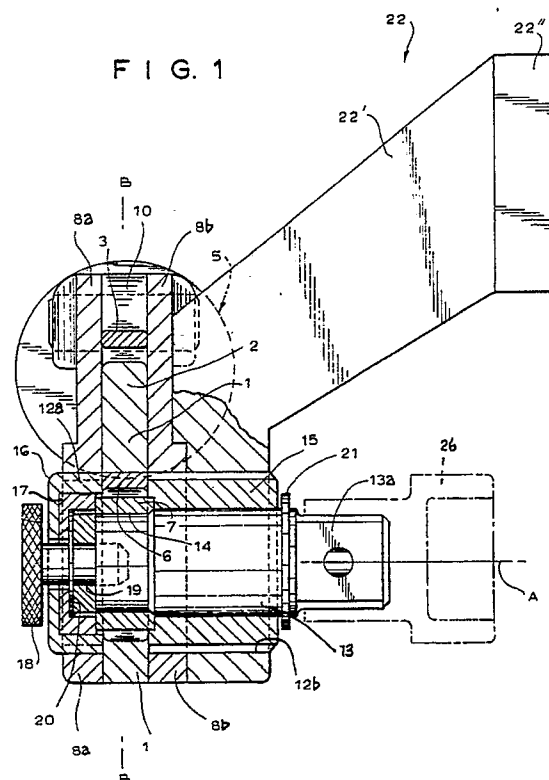
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(54) **Power wrench.**

(57) A power wrench for tightening and loosening threaded connectors, comprises a housing (10), a ratchet mechanism (6, 7) turnable about an axis (A); a power drive (5) arranged to turn the ratchet mechanism about the axis (A). A drive shaft (13) is drivably connected to the ratchet mechanism (6, 7) and is arranged to support means (26) for turning threaded connectors. The drive shaft (13) extends substantially along the axis (A) at one side of a plane (B). The drive shaft (13) is removably connected with the ratchet mechanism (6, 7) so that it can be easily removed from the housing (10) and replaced by a drive shaft of different length to reach threaded connectors located farther from or closer to the plane (B). A reaction member (22) is connected to the housing (10) and extends transversely to the plane (B) substantially in the direction of the axis (A) at the same side of the plane (B) as the drive shaft (13) to transmit reaction torque to an object selected to resist it. The reaction member (22) is also removable from the housing (10) so that it can be replaced by a reaction member of a different size to reach a stationary object located adjacent to the threaded connector to be tightened or loosened but farther from or closer to the plane (B).



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EUROPEAN SEARCH REPORT

Application Number

EP 90 31 1709

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	EP-A-0 240 931 (APPLIED POWER INC.) * column 1, lines 31 - 38 * column 3, lines 43 - 51; figure 2 * - - -	1,2,8	B 25 B 21/00
Y	US-A-4 825 730 (J.JUNKERS) * column 3, lines 47 - 63; figures 1-1b * - - -	1,8	
Y,A	GB-A-2 028 204 (J.JUNKERS) * page 3, lines 30 - 42; figure 3 * - - - - -	2,6	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 25 B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 28 May 91	Examiner VIBERG S.O.
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 Q: 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			