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(54) **Ring-forming tool with variable lever arm and variable torque**

(57) Ring-forming tool (1) for closing a ring (19), which comprises a top piece (2), a bottom piece (3), a top claw (4) and a lever (9), connected together by means of four pivot points (7, 8, 17, 18), three of which present a fixed position and one of which presents a variable

position that enables the tool (1) to vary the lever arm and therefore vary the force exerted on the ring (19) for a same force exerted by the user. In this way, the inventive tool may provide decreasing forces on the ring (19) as the ring (19) closes and offers less resistance.

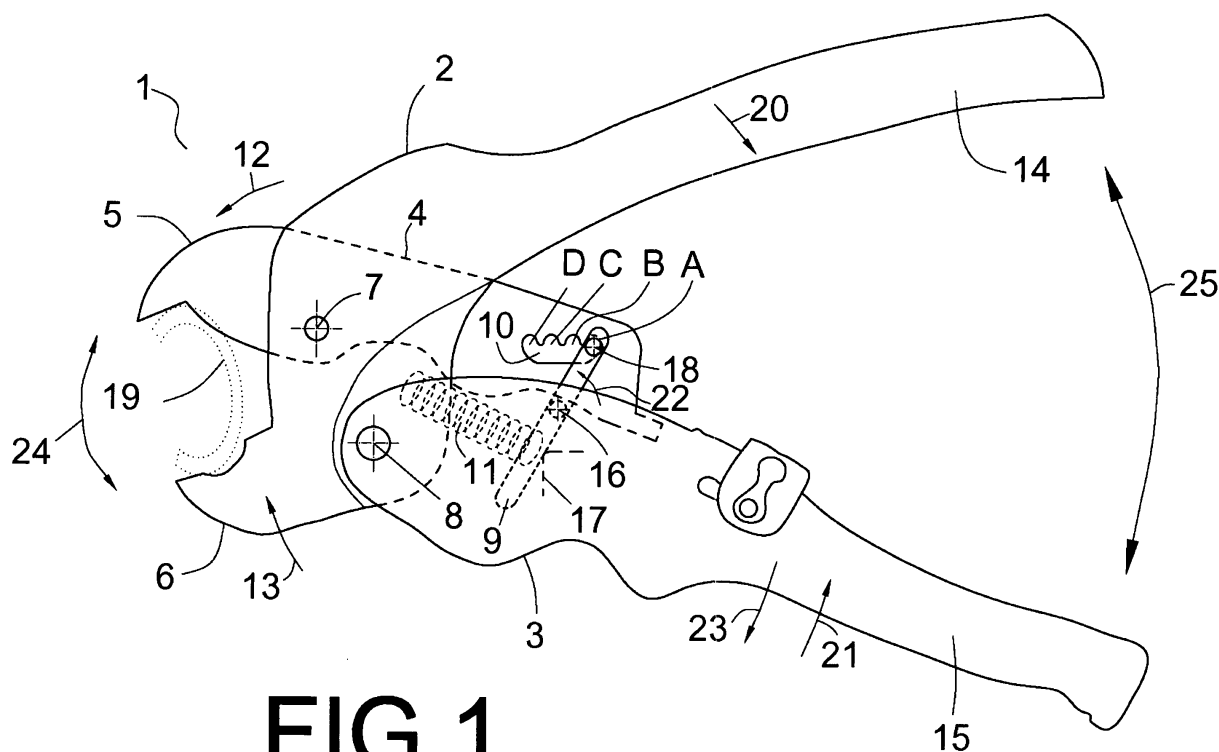


FIG.1



EUROPEAN SEARCH REPORT

Application Number
EP 08 38 0126

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B25B H01R
Place of search		Date of completion of the search	Examiner
The Hague		2 September 2010	Pothmann, Johannes
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			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 08 38 0126

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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