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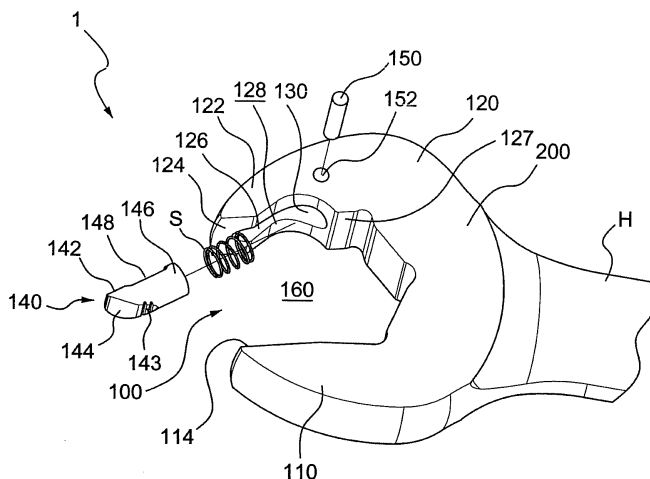
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(54) **Ratchetable open-ended wrench**

(57) The inventions discloses a ratchetable open-ended wrench for turning a workpiece (W) having a drive end with at least one pair of opposed contact edges (WS), comprising: a handle (H) with a first end; a wrench head (100) including a base portion (200); a first jaw (110) extending outwardly from the base portion (200) and including a first driving wall (114) disposed in a first plane; a second jaw (120) extending outwardly from the base portion (200) of the wrench head 100 such that the first and the second jaws define a drive opening configured to receive the drive end of the fastener (W), the second jaw

including a rear-end wall (127) disposed in a second plane adjacent the base portion (200); and an auxiliary jaw (140) including a driving surface (143) and being slidably received in the second jaw (120) such that the driving surface (143) of the auxiliary jaw (140) extends outwardly into the drive opening and the rear-end wall (127) is disposed between the auxiliary jaw (140) and the base portion (200), wherein the drive end of the fastener (W) is slidably receivable in the drive opening of the wrench head (100) such that the fastener (W) can be rotated in a first direction by the first driving wall (114) and the rear-end wall (127).



**FIG. 1A**



## EUROPEAN SEARCH REPORT

Application Number  
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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 (IPC)
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A	DE 102 04 805 A1 (FELDHAUS MARKUS [DE]) 14 August 2003 (2003-08-14) * the whole document *	1	
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A,D	US 7 077 035 B1 (HUANG PING WEN [TW]) 18 July 2006 (2006-07-18) * the whole document *	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B25B
1	Place of search Munich	Date of completion of the search 16 February 2012	Examiner Kühn, Thomas
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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The members are as contained in the European Patent Office EDP file on  
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16-02-2012

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