



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 166 972 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.01.2004 Bulletin 2004/04

(51) Int Cl.7: **B25D 17/04**

(43) Date of publication A2:
02.01.2002 Bulletin 2002/01

(21) Application number: **01870142.5**

(22) Date of filing: **27.06.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:
• **Hall, Jefferson R.**
Concord, NH 03301 (US)
• **Dobrinski, Daniel David**
Raymond, NH 03077 (US)

(30) Priority: **27.06.2000 US 604379**

(74) Representative: **Overath, Philippe et al**
Cabinet Bede
Boulevard Lambermont, 140
1030 Bruxelles (BE)

(71) Applicant: **FRAMATOME CONNECTORS
INTERNATIONAL**
92400 Courbevoie (FR)

(54) **Power tool trigger linkage**

(57) A tool (10) having a frame (16), handles (22) pivotably mounted to the frame, a drive system (18) connected to the frame, and a user actuated trigger (26) pivotably connected to a first one (22L) of the handles.

The drive system (18) has a longitudinally movably actuator (32). The improvement comprises a linkage (64) between an end (54) of the trigger (26) and the actuator (32) of the drive system.

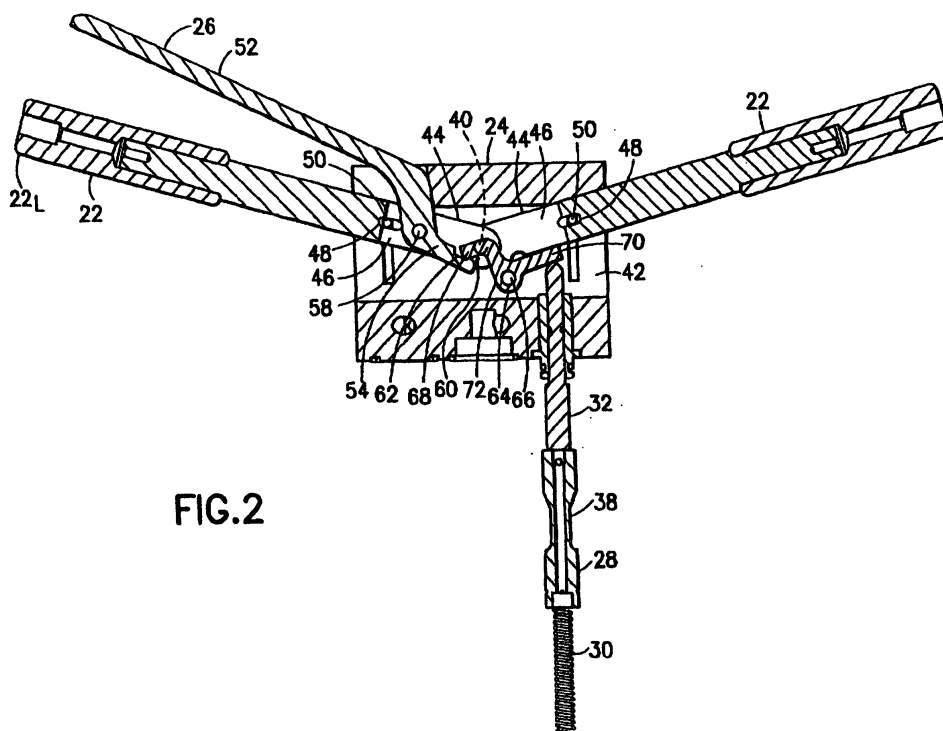


FIG.2

EP 1 166 972 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 87 0142

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.7)
X	EP 0 294 351 A (WEJRA AS) 7 December 1988 (1988-12-07) * column 3, line 58 - column 4, line 60 * * column 5, line 28 - line 53 * * figure 3 * ---	1-3, 7-10, 14-16	B25D17/04
X	EP 0 391 856 A (SIG SCHWEIZ INDUSTRIEGES) 10 October 1990 (1990-10-10) * column 2, line 28 - column 3, line 15 * * column 5, line 30 - line 43 * * column 6, line 33 - line 55 * * figures 1-3,16-20 * ---	1,2, 7-10, 14-16	
X	FR 2 540 774 A (MACO MEUDON SA) 17 August 1984 (1984-08-17) * the whole document * ---	1,8,16 9	
A			
D,A	US 5 749 421 A (NILSSON AKE LENNART ET AL) 12 May 1998 (1998-05-12) * column 3, line 15 - line 21 * * figure 3 * -----	1,9,16	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7) B25D B25F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 November 2003	Examiner Breare, D
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			

EPO FORM 1503 03 82 (P04C01)

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

EP 01 87 0142

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-11-2003

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0294351 A	07-12-1988	DK 168471 B1	05-04-1994
		DE 3882811 D1	09-09-1993
		DE 3882811 T2	14-04-1994
		EP 0294351 A2	07-12-1988
EP 0391856 A	10-10-1990	AU 5307190 A	11-10-1990
		EP 0391856 A2	10-10-1990
FR 2540774 A	17-08-1984	FR 2540774 A1	17-08-1984
US 5749421 A	12-05-1998	SE 504957 C2	02-06-1997
		AU 694189 B2	16-07-1998
		AU 1906495 A	11-09-1995
		AU 684619 B2	18-12-1997
		AU 1906695 A	11-09-1995
		CA 2182980 A1	31-08-1995
		CA 2184265 A1	31-08-1995
		DE 69514332 D1	10-02-2000
		DE 69514332 T2	25-05-2000
		DE 69526580 D1	06-06-2002
		DE 69526580 T2	28-11-2002
		EP 0746449 A1	11-12-1996
		EP 0760731 A1	12-03-1997
		ES 2144125 T3	01-06-2000
		FI 963326 A	27-08-1996
		FI 963328 A	24-10-1996
		JP 9509371 T	22-09-1997
		JP 9512752 T	22-12-1997
		SE 9400685 A	29-08-1995
		WO 9523049 A1	31-08-1995
		WO 9523050 A1	31-08-1995
		US 5775196 A	07-07-1998

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82