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(11)

**EP 1 070 566 A3**

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
**06.02.2002 Bulletin 2002/06**

(51) Int Cl.7: **B24B 19/03, B24B 41/04**

(43) Date of publication A2:  
**24.01.2001 Bulletin 2001/04**

(21) Application number: **00113196.0**

(22) Date of filing: **03.07.2000**

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

(71) Applicant: **Z. BAVELLONI S.p.A.**  
**I-22070 Bregnano (Como) (IT)**

(72) Inventor: **Bavelloni, Franco**  
**22020 San Fermo della Battaglia (CO) (IT)**

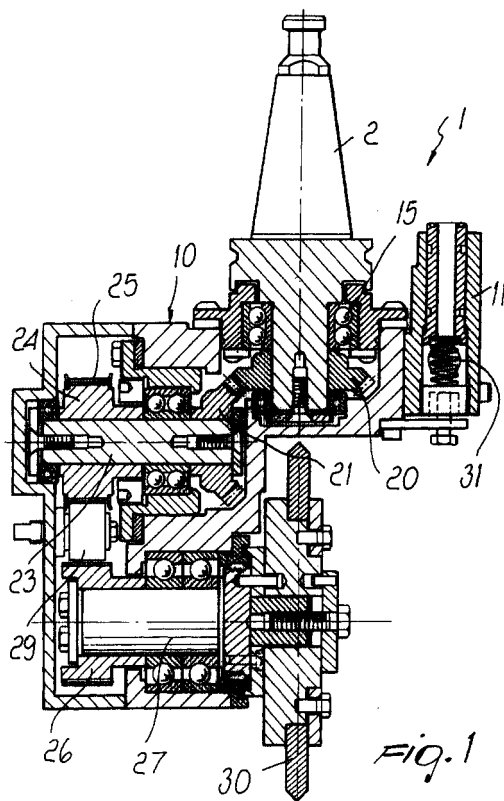
(30) Priority: **21.07.1999 IT MI990470 U**

(74) Representative: **Modiano, Guido, Dr.-Ing. et al**  
**Modiano & Associati SpA Via Meravigli, 16**  
**20123 Milano (IT)**

(54) **Tool for engraving, particularly on glass plates and the like**

(57) A tool for engraving, particularly on glass plates and the like, comprising a shank (2) for insertion in a spindle (12) of a working head (3). The shank is connected to a kinematic chain (20,21,23,24,26,27) for

transmitting motion to a grinding wheel (30) whose axis of rotation is substantially perpendicular to the axis of the spindle (12) and whose plane of arrangement comprises the axis of the spindle.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 11 3196

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	DE 31 47 811 A (FR WILHELM KUTZSCHER GMBH) 16 June 1983 (1983-06-16) * page 14, line 10 - page 15, line 15; figures *	1,2,8	B24B19/03 B24B41/04
Y	---	3-7	
Y	CHERKASOV YU V ET AL: "AN EQUIPMENT FOR GLASS COMPONENT DIAMOND WORKING" GLASS AND CERAMICS, CONSULTANTS BUREAU. NEW YORK, US, vol. 49, no. 7 / 8, 1 July 1992 (1992-07-01), pages 345-347, XP000374097 ISSN: 0361-7610 * figure 1 *	3,4	
Y	EP 0 424 815 A (BAVELLONI Z SPA) 2 May 1991 (1991-05-02) * column 3, line 27 - line 30 *	5-7	
X	DE 41 14 086 C (PÖTING) 29 October 1992 (1992-10-29) * abstract; figures *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) B24B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 December 2001	Examiner Garella, M
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 00 11 3196

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The members are as contained in the European Patent Office EDP file on  
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13-12-2001

Patent document cited in search report			Publication date			Patent family member(s)			Publication date		
DE	3147811	A	16-06-1983	DE	3147811	A1			16-06-1983		
EP	0424815	A	02-05-1991	IT	1237111	B			18-05-1993		
				EP	0424815	A1			02-05-1991		
				JP	3149146	A			25-06-1991		
DE	4114086	C	29-10-1992	DE	4114086	C1			29-10-1992		