



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
31.07.2002 Bulletin 2002/31

(51) Int Cl.7: **B05D 3/02**

(43) Date of publication A2:
31.03.1999 Bulletin 1999/13

(21) Application number: **98307428.7**

(22) Date of filing: **14.09.1998**

(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

(72) Inventors:
 • **Bullock, Carl John**
Loughborough, Leicestershire LE12 8NF (GB)
 • **Dobney, Alec Lenard**
Hucknall, Nottingham NG15 6FH (GB)
 • **Akehurst, Paul Edward John**
Southwell, Nottingham NG25 0SZ (GB)
 • **Mackereth, Stephen**
Burton Joyce, Nottingham NG14 5EJ (GB)

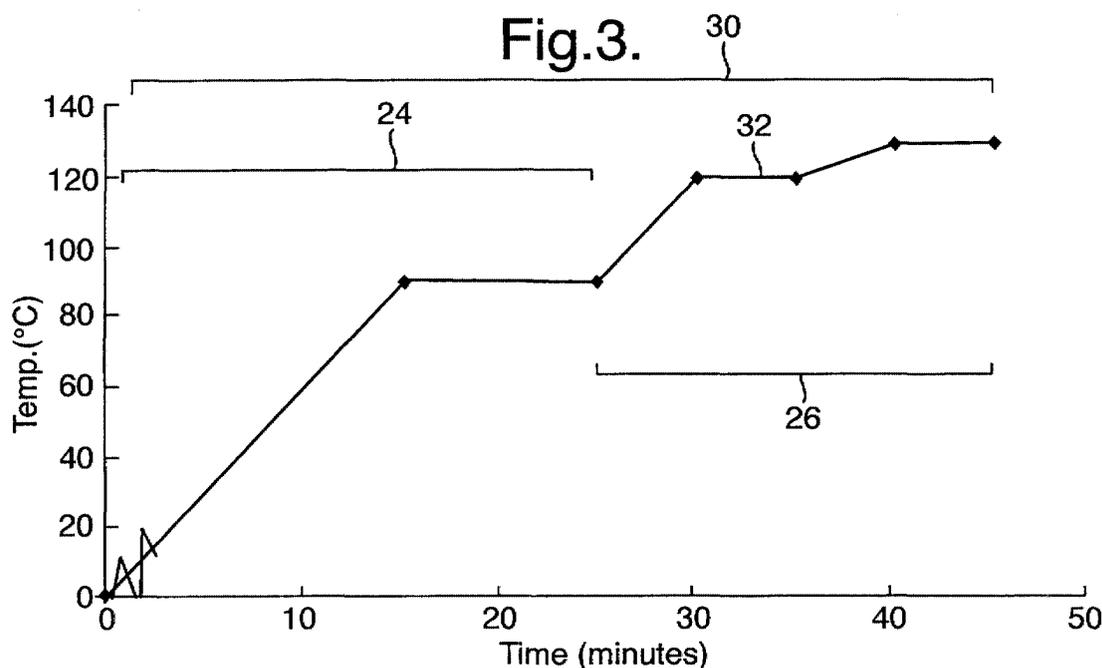
(30) Priority: **25.09.1997 GB 9720261**

(71) Applicant: **ROLLS-ROYCE plc**
London, SW1E 6AT (GB)

(54) **A method of curing a maskant**

(57) A method of curing a water based maskant which has been applied to a component. Such a maskant being particularly useful in chemical machining operations in which the maskant protects certain areas of a component from etching by a chemical solution. The maskant containing at least water and a modified latex. The method of curing the maskant, once it has been ap-

plied to a component, comprising the steps of heating for a first curing period at a temperature below the boiling point of water to start to cure the maskant. Then during a second curing period heating the maskant to a temperature above the boiling point of water, but below the temperature at which the maskant burns. Such a process providing rapid curing of the maskant whilst maintaining an adequate coating finish.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 7428

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.6)
X	DATABASE WPI Section Ch, Week 199340 Derwent Publications Ltd., London, GB; Class A85, AN 1993-317017 XP002201366 & JP 05 228942 A (TORAY ENG CO LTD), 7 September 1993 (1993-09-07) * abstract *	12	B05D3/02
X	--- GB 2 233 257 A (HONDA MOTOR CO LTD) 9 January 1991 (1991-01-09) * page 4, line 10-18 *	12	
A	--- GB 925 903 A (STAMICARBON) 15 May 1963 (1963-05-15) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6) B05D
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 6 June 2002	Examiner Polesak, H
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 (P04001)

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

EP 98 30 7428

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.

06-06-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 5228942 A	07-09-1993	JP 2096671 C	02-10-1996
		JP 8002538 B	17-01-1996
GB 2233257 A	09-01-1991	JP 1921127 C	07-04-1995
		JP 3026366 A	04-02-1991
		JP 6047094 B	22-06-1994
		JP 2670860 B2	29-10-1997
		JP 3038275 A	19-02-1991
		JP 3135474 A	10-06-1991
		CA 2012161 A1	12-12-1990
		US 5060594 A	29-10-1991
GB 925903 A	15-05-1963	BE 596065 A	
		CH 417948 A	31-07-1966
		FR 1272674 A	29-09-1961
		NL 105127 C	
		NL 244447 A	

EPO FORM P0459

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