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(54) **Improvements in or relating to fluid seals**

tered steel; and secondly forming a layer of Fe_3O_4 on an un-ground surface of the part to provide a surface finish that is capable of providing a liquid seal.





EUROPEAN SEARCH REPORT

 Application Number
 EP 13 16 0828

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 561 834 A (SCORE DAVID A [US]) 1 October 1996 (1996-10-01) * column 2, lines 3-28; claims 2-5 * * column 3, lines 18-62 *	1-4	INV. F16J15/16
X	US 3 142 894 A (ROSS STUART T ET AL) 4 August 1964 (1964-08-04) * columns 1-5 *	1-4	ADD. B22F3/24 B22F5/00
X	US 4 904 302 A (SHIMOMURA SOICHI [JP]) 27 February 1990 (1990-02-27) * abstract *	1-4	
X	DE 37 34 002 A1 (RINGSDORFF WERKE GMBH [DE]) 20 April 1989 (1989-04-20) * abstract *	1-4	
			TECHNICAL FIELDS SEARCHED (IPC)
			B22F F16J
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 August 2013	Examiner Stelzer, Wolfgang
CATEGORY OF CITED DOCUMENTS		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	
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			

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 EPO FORM 1503 03.82 (P04C01)

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

EP 13 16 0828

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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09-08-2013

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