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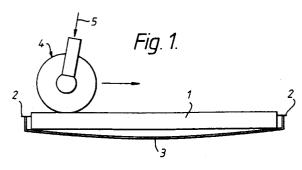
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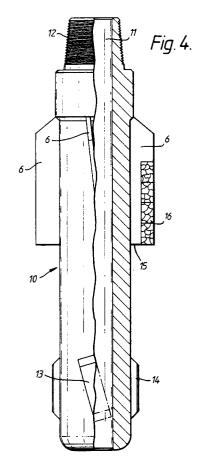
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(54) A mill or other metal cutting tool.

(b) A metal cutting tool is made by taking a plate of hard metal carbide, and crushing the plate to form a mosaic consisting of a plurality of irregularly sized and irregularly shaped platelettes. The platelettes, in the form of a mosaic, are secured to a support surface. The support surface may form a blade protruding radially from a body which forms a mill to cut casing in a well bore.







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PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention shall be considered, for the purposes of subsequent proceedings, as the European search report

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DOCUMENTS CONSIDERED TO BE RELEVANT				
ategory	Citation of document with a of relevant pa	ndication, where appropriate, assages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 5)
N,P	EP-A-O 392 519 (MIT CORPORATION) * page 2, line 42 - * page 3, line 11 -	· line 54 *	1-3,5,6, 11,12	E21B29/00
4	US-A-2 846 193 (CHADDERDON) * column 1, line 15 - line 41 * * column 2, line 11 - line 38 * * column 3, line 23 - line 31; figures *		1,6,12	
A	US-A-3 110 084 (KIN * column 1, line 38 figures *	IZBACH) 3 - column 2, line 18;	1,6,13	
				TECHNICAL FIELDS SEARCHED (Int. Cl. 5)
				E21B B23P
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the provis out a mea Claims se Claims se Claims no	ch Division considers that the present ions of the European Patent Conventingual search into the state of the a arched completely: arched incompletely: arched incompletely: t searched: r the limitation of the search:	European patent application does not cor ion to such an extent that it is not possib rt on the basis of some of the claims	nply with le to carry	
	Place of search	Date of completion of the search		Excanniner
T	HE HAGUE	25 SEPTEMBER 1992	2	LINGUA D.G.
X : part Y : part docu A : tech	CATEGORY OF CITED DOCUME icularly relevant if taken alone icularly relevant if combined with an iment of the same category inological background -written disclosure rmediate document	E : earlier patent after the filin pother D : document cit L : document cit	ed in the application ed for other reasons	shed on, or

EPO FORM 1503 03.82 (P04E07)



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Claims searched completely: 1-14

Claims not searched: 15-17

Claims 15-17 are not allowed according to Rule 29, paragraph (6), of the European Patent Convention.