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(54) Title: DRILL BIT

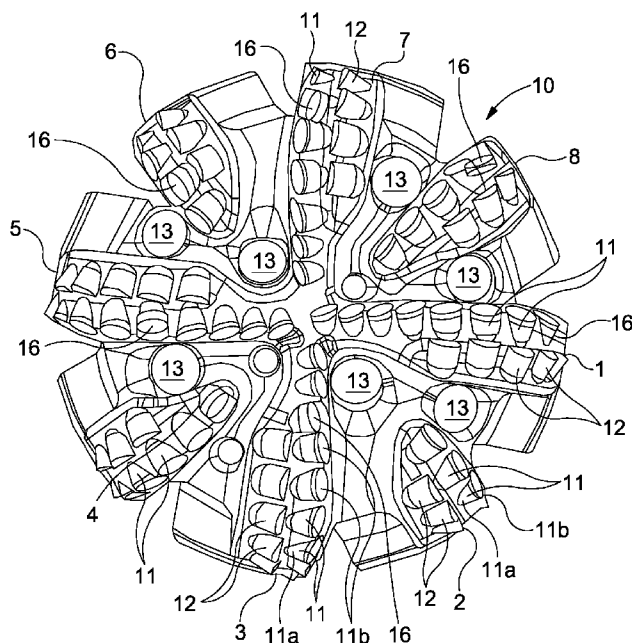


Figure 1

(57) Abstract: A drill bit comprises at least one blade, comprising a plurality of cutting elements in the form of polycrystalline diamond cutters disposed on a leading edge of the blade, at least one diamond impregnated cutting region, disposed behind the leading edge of the blade, and wherein at least one of the cutters disposed on the leading edge is an off-tip cutting element, arranged so that it does not engage with the formation during drilling until bit wear has taken place.



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2009/084606 A1 (DOSTER MICHAEL L [US]) 2 April 2009 (2009-04-02) paragraph [0021]; figure 1 -----	1-17
X	US 2010/175930 A1 (SCHWEFE THORSTEN [US]) 15 July 2010 (2010-07-15) paragraph [0029] - paragraph [0031]; figures 2,4,7 -----	1
X	US 2010/270077 A1 (HUYNH TRUNG Q [US] ET AL) 28 October 2010 (2010-10-28) paragraph [0023] - paragraph [0025]; figures 1,2 -----	1



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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		EP 2497895 A1	12-09-2012
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