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(54) Title: JET PUMP PLUG SEAL AND METHODS OF MAKING AND USING SAME

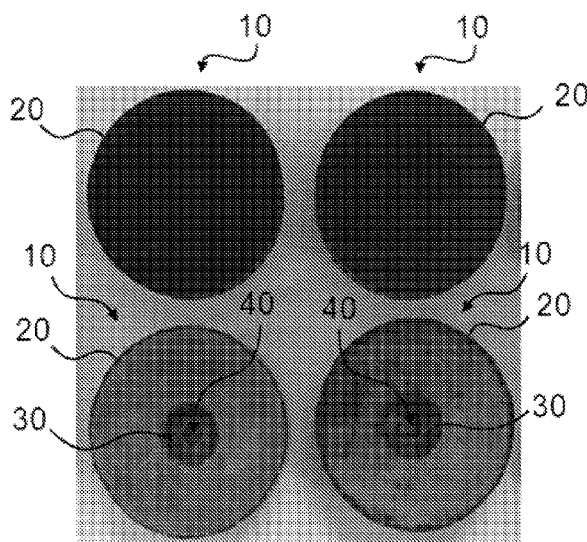


FIG. 1

(57) Abstract: A jet pump plug and methods of forming a seal with a plurality of nozzles of a jet pump are disclosed. The plug has a plug body and a washer embedded within and bonded to the plug body. The washer has a center opening that cooperates with the plug body to define a central bore extending through the plug and the central bore can be configured to receive a fastener. A plurality of the disclosed plugs can be positioned in alignment with a respective nozzle, with each plug being sealed to the respective nozzle to form a seal.





TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F04F 5/44; F04F 5/00; G21C 13/06 (2018.01)

CPC - F04F 5/44; F04F 5/00; G21C 13/028; G21C 13/06; G21C 13/067 (2018.08)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

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

USPC - 138/89; 376/203; 376/204; 376/205; 376/281; 417/151 (keyword delimited)

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

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,820,474 A (LESLIE et al) 11 April 1989 (11.04.1989) entire document	1-20
A	US 4,548,783 A (DALKE et al) 22 October 1985 (22.10.1985) entire document	1-20
A	US 2015/0348658 A1 (MITSUBISHI HEAVY INDUSTRIES, LTD.) 03 December 2015 (03.12.2015) entire document	1-20
A	US 2012/0155599 A1 (SPRAGUE et al) 21 June 2012 (21.06.2012) entire document	1-20
A	US 2016/0377095 A1 (ITT MANUFACTURING ENTERPRISES LLC) 29 December 2016 (29.12.2016) entire document	1-20

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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