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(54) **Series configured variable flow restrictors for use in a subterranean well**

(57) A well device (25) includes a fluid diode (46) having an interior surface that defines an interior chamber (44), and an outlet (62) from the interior chamber, with the interior surface operable to direct fluid to rotate in a rotational direction through the outlet (62), and another fluid diode (58) having an interior surface (82) that defines an interior chamber (66) in fluid communication with the outlet (62), the second interior surface operable to direct fluid to rotate in the rotational direction in re-

sponse to receiving the fluid rotating in the rotational direction through the outlet. A method of controlling flow in a well can include communicating fluid through two or more fluid diodes in a flow path between an interior and an exterior of a well device in the well. Communicating the fluid through the fluid diodes can cause the fluid to rotate within the fluid diodes in a same rotational direction.

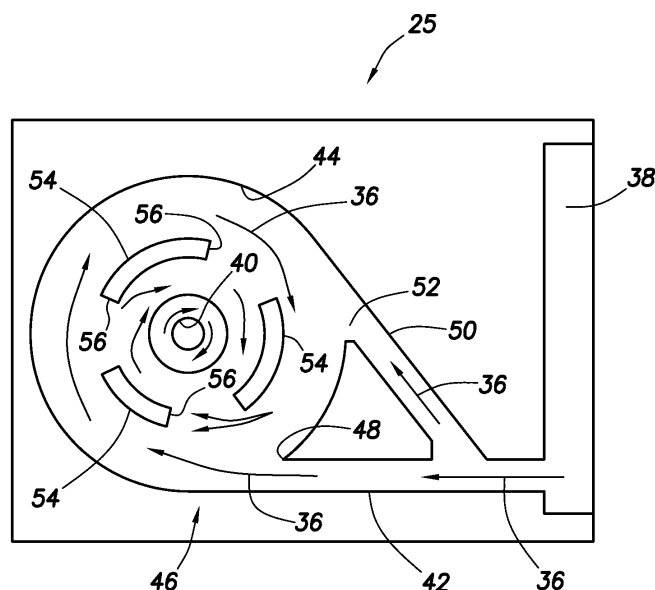


FIG.3A



EUROPEAN SEARCH REPORT

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EP 13 15 2471

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			E21B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 September 2015	Examiner Bellingacci, F
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82