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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: COOLING SYSTEM FOR A MULTISTAGE ELECTRIC MOTOR

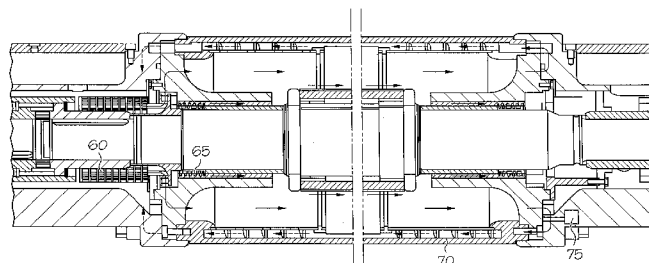


FIG. 2

(57) Abstract: A multistage electric motor includes a plurality of motor stages connected in series, each motor stage comprising a stator, and a rotor; a plurality of cooling fluid paths, each cooling fluid path forming a recirculating loop independent of the other cooling fluid paths, each cooling fluid path in communication with the stator of one of motor stages; and a cooling fluid flowing through each cooling fluid path, the cooling fluid removing heat from the stator of each motor stage. A submersible pump including the multistage electric motor, and a method of cooling the multistage electric motor are also described.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. H02K16/00 H02K9/19 H02K5/132
ADD.

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)
H02K

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 practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 678 987 A1 (BLACHERE JEAN CHRISTOPHE [FR]) 15 January 1993 (1993-01-15) figure 2	1, 15
A	----- WO 90/13937 A1 (BOOD LOURIS [NL]) 15 November 1990 (1990-11-15) figure 1	1, 15
A	----- US 2003/156947 A1 (GROSS EDWIN [US]) 21 August 2003 (2003-08-21) figures 1,3	1, 15
A	----- FR 2 098 196 A1 (BORG WARNER BORG WARNER [US]) 10 March 1972 (1972-03-10) figure 1 ----- -/--	1, 15

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4 329 122 A (OWADA TAKEYOSHI ET AL) 11 May 1982 (1982-05-11) figure 1	1,15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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