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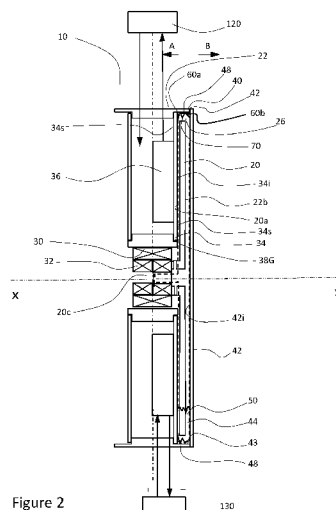


Figure 2

(57) Abstract: The present invention provides an axial flux motor (10) having: a rotor (20) having a radially extending portion (20r) and an axially extending portion (20c) having a first side (20a) and a second side (20b); a stator (22) having an inner aperture (30), a front wall (34) having a first side (34s) and a second side (34i) and being axially spaced from the first side (20a) of the rotor (20) by a gap (38), a bearing member (32) within the inner aperture (30) of the stator (22) and supporting the axially extending portion (20c) of the rotor (20); a casing (40) having an axially and circumferentially extending outer portion (48) surrounding said rotor (20) and having an inner surface (43); a cover plate (42) having an inner face (42i) confronting and being spaced from said second side (20b) of said rotor (20); a containment chamber (26) including said second side (34i), and said inner face (42i) of said cover plate (42) and having a top portion (45); a sump (50) within the containment chamber (26); and one or more first flow diverters (60) on the inner surface (43) of casing (40) to direct liquid towards said first and / or second inner side faces (34i, 42i).



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. H02K21/24 H02K1/32 H02K9/19
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 practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	paragraphs [0027], [0028]; figure 1 -----	6, 8
X	JP 2011 130531 A (HONDA MOTOR CO LTD) 30 June 2011 (2011-06-30)	1-4, 13
	paragraphs [0063] - [0068]; figures 12, 13 -----	
Y	GB 2 469 562 A (ISIS INNOVATION [GB]) 20 October 2010 (2010-10-20)	6, 8
A	figures 4a, 7 -----	7
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	-/-	



Further documents are listed in the continuation of Box C.



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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