

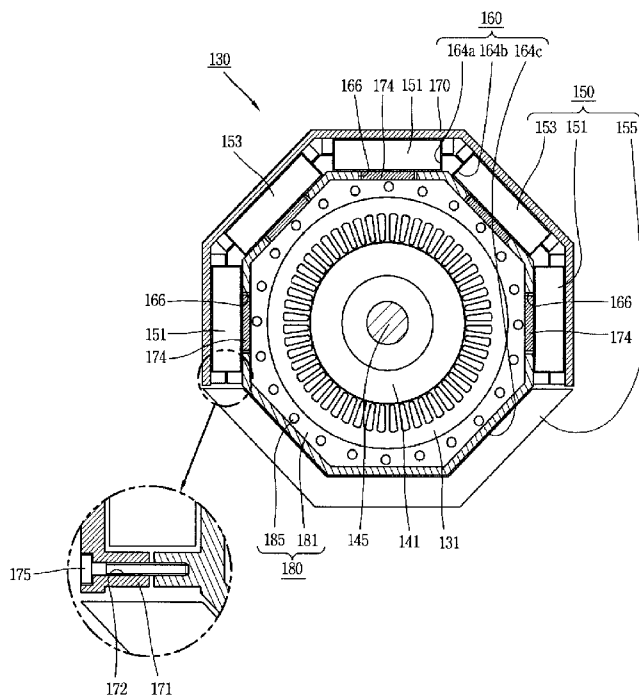


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[Continued on next page]

(54) Title: ELECTRIC MOTOR AND ELECTRIC VEHICLE HAVING THE SAME

(57) Abstract: An electric motor includes a stator, a rotor disposed to be rotatable with respect to the stator and a cooling unit including a body having an inner surface, an outer surface, and accommodation space to accommodate cooling fluid, the stator disposed in the inner surface of the body and the outer surface of the body capable of accommodating an inverter device.



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A. CLASSIFICATION OF SUBJECT MATTER***H02K 9/19(2006.01)i***

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 9/19; H02K 9/12; H02K 9/00; H02K 11/00; H02K 1/20; H02M 7/48; H01L 25/07; F04B 39/06

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: motor, stator, cooling unit, inverter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2004-0090130 A1 (HIROYUKI KANEKO et al.) 13 May 2004 See abstract, paragraphs[0018-0045], claims 1-14 and figure 2.	1,5-14 2-4,15-17
Y A	KR 10-2010-0079519 A (KIM HAN HO) 08 July 2010 See abstract, paragraph[0032] and figure 2.	2-4 1,5-17
Y A	JP 2006-074962 A (NISSAN MOTOR CO LTD) 16 March 2006 See claims 1-4 and figure 2.	15-17 1-14
A	JP 2004-236470 A (YASKAWA ELECTRIC CORP) 19 August 2004 See abstract, paragraphs[0011-0013] and figure 3.	1-17
A	JP 2003-324900 A (DENSO CORP) 14 November 2003 See abstract, paragraphs[0014-0021] and figure 3.	1-17



Further documents are listed in the continuation of Box C.



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"&" document member of the same patent family

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Information on patent family members

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PCT/KR2012/003021

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