FLUID MOVEMENT SYSTEMS INCLUDING A CONTINUOUSLY VARIABLE TRANSMISSION

A system has a pump with a power input, a power source and a continuously variable transmission (CVT) coupled to the power source and to the power input of the pump. The CVT transmits power from the power source to the pump. The CVT comprises a plurality of planetary members in rolling contact with an inner race and an outer race. A radial distance between the planetary members and a drive-transmitting member corresponds to a transmission ratio of the CVT.
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(H))

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

Published:

— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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16 September 2010
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

F16H 47/08(2006.01); F16H 47/06(2006.01)

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)
F16H 47/08, B60H 1/14, F02B 33/00, F02B 33/42, F02B 33/44, F02B 39/02, F16H 15/38, F16H 37/02

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
(Chinese Patents and application for patent)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS(KIPO internal) & Keywords "super charger" and "CVT", "CVT" and "planetary"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>JP 01-195919 A (MAZDA MOTOR CORP) 07 August 1989 See the abstract and Fig. 2</td>
<td>1-21</td>
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<td>A</td>
<td>JP 06-174035 A (ISUZU MOTORS LTD) 21 June 1994 See the abstract and Fig. 1</td>
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<td>A</td>
<td>US 2005-0198957 A (BRYAN KIM) 15 September 2005 See the abstract and Fig. 1</td>
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<td>A</td>
<td>JP 03-246321 A (ISUZU MOTORS LTD) 01 November 1991 See the abstract and Fig. 1</td>
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☐ Further documents are listed in the continuation of Box C ☒ See patent family annex

* Special categories of cited documents
  "A" document defining the general state of the art which is not considered to be of particular relevance
  "E" earlier application or patent but published on or after the international filing date
  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
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"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
04 MAY 2010 (04 05 2010)

Date of mailing of the international search report
13 JULY 2010 (13.07.2010)

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<tr>
<td>JP 01-195919 A</td>
<td>07.08.1989</td>
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<td>JP 06-174035 A</td>
<td>21.06.1994</td>
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