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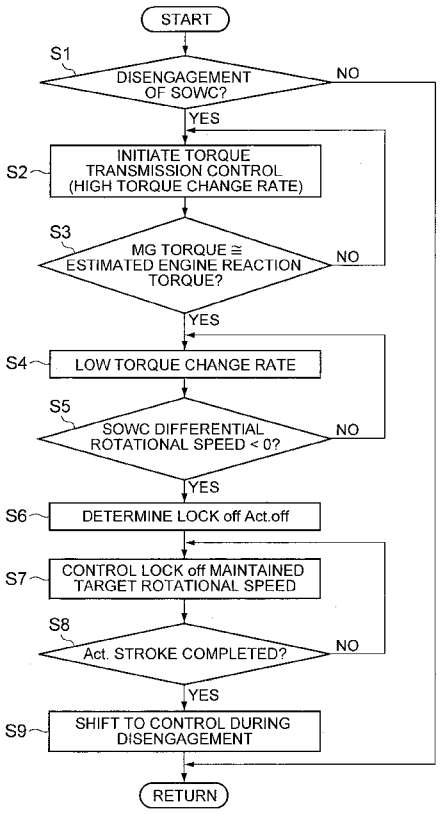
*[Continued on next page]*

(54) **Title**: CONTROL SYSTEM FOR VEHICLE

FIG. 7




(57) **Abstract**: A selectable one-way clutch includes an engagement mechanism. The engagement mechanism is configured to be switched between an engaged state and a disengaged state. The engaged state is a state in which relative rotation between a first and a second members in one of a positive rotational direction and a reverse rotational direction is restricted. The disengaged state is a state in which the relative rotation between the first member and the second member in both of the positive and the reverse rotational direction is permitted. The electronic control unit is configured to apply torque to the one of the first member or the second member by using a motor such that relative rotation in the other one of the positive or the reverse rotational direction is generated between the first member and the second member when the engagement mechanism is switched from the engaged state to the disengaged state.

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LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| X | US 2008/223681 A1 (STEVENSON PAUL D [US] ET AL) 18 September 2008 (2008-09-18) paragraph [0027]; claims 1,3,8,11 | 1-9,12 |
| X | FR 2 947 882 A1 (RENAULT SA [FR]) 14 January 2011 (2011-01-14) claim 1 | 1-5 |
| A | US 2011/009236 A1 (YANG HONG [US] ET AL) 13 January 2011 (2011-01-13) claims 1-15 | 7-12 |

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

☒ See patent family annex.

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Information on patent family members

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