

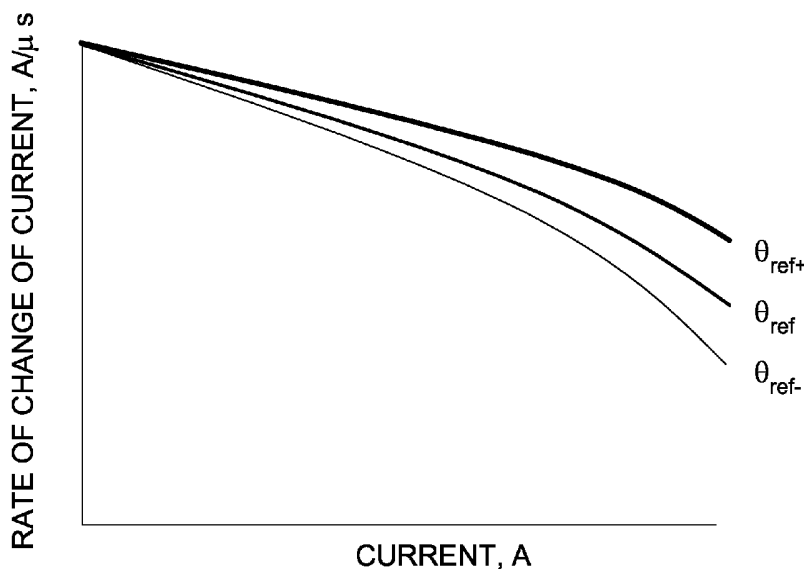


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(54) Title: METHOD TO CONTROL A SWITCHED RELUCTANCE MACHINE



(57) Abstract: A method to control the rotor position in a reluctance machine is disclosed. The method involves energising the phase winding so to move the rotor relative to the stator, freewheeling current through the phase winding over a freewheeling period, sampling rate of change of phase current and amplitude of phase current, de-energising the phase winding and computing the angular position of the rotor.

Fig. 5

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INTERNATIONAL SEARCH REPORT

International application No PCT/EP2013/069220

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B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) H02P		
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) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 780 966 B1 (SWITCHED RELUCTANCE DRIVES LTD [GB]) 15 March 2000 (2000-03-15) cited in the application	1-4,6-15
A	page 2, lines 3, 4 page 4, line 13 - line 21 page 8, line 12 - line 15 figure 7	5
A	----- US 5 949 211 A (MCCANN ROY A [US]) 7 September 1999 (1999-09-07) column 4, line 46 - line 67 figure 4 -----	1-15
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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			EP 0780966 A2 25-06-1997
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