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- (71) Applicant: **DYSON TECHNOLOGY LIMITED**
[GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
- (72) Inventors: **GREETHAM, Stephen**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB). **HAWKER, David**; c/o Dyson Technology Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
- (74) Agents: **LOBBAN, Colin** et al.; Dyson Technology Limited, Intellectual Property Department, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
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(54) Title: CONTROL OF A BRUSHLESS MOTOR

(57) Abstract: A method of controlling a brushless motor comprising sensing a temperature, using the sensed temperature to define a current limit, and sequentially energising and de-energising a winding of the motor, the winding being de-energised in response to current in the winding exceeding the current limit. A lower current limit is then defined for a lower sensed temperature.

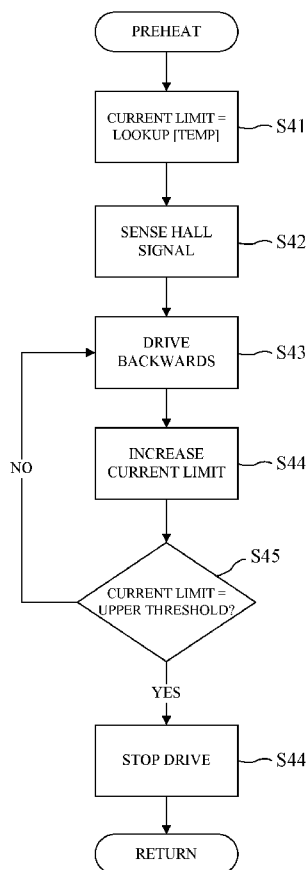


Fig. 7



BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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A. CLASSIFICATION OF SUBJECT MATTER

INV. A47L9/28 H02P29/00 H02P29/02 H02P1/04
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)

H02P A47L 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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 2011/095717 A1 (TAKIZAWA DAIJIRO [JP]) 28 April 2011 (2011-04-28) paragraphs [0040] - [0075]; figures 3-9 -----	1,13
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European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer

Hunckler, José

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