

Title (en)

CONTROL MODULE FOR CONTROLLING CURRENT IN AN ELECTRIC MOTOR

Title (de)

STEUERMODUL ZUR STROMSTEUERUNG BEI EINEM ELEKTRISCHEN MOTOR

Title (fr)

MODULE DE COMMANDE POUR COMMANDER LE COURANT DANS UN MOTEUR ÉLECTRIQUE

Publication

EP 3227994 A1 20171011 (EN)

Application

EP 15813552 A 20151217

Priority

- GB 201422997 A 20141222
- GB 2015054061 W 20151217

Abstract (en)

[origin: WO2016102935A1] An assembly comprising: an electric motor (3) such as a switched reluctance motor; an electrical power source (8) for energising the stator coils (9) of the motor; and a control module (1) for controlling the motor. The control module (1) comprises a current sensor (23) arranged to measure the current drawn from the power source (8) when it is energising the coils (9), and a comparator (27) configured to compare the measured current with a threshold current. The control module (1) is arranged to control the current drawn from the power source (8) to energise the coils (9), in response to the comparison between the measured current and the threshold current.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2016102935A1

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