Title (en)
ELECTRIC MOTOR WITH ASIC

Title (de)
ELEKTROMOTOR MIT ASIC

Title (fr)
MOTEUR ÉLECTRIQUE À ASIC

Publication
EP 1949529 A1 20080730 (DE)

Application
EP 07786257 A 20070721

Priority
• EP 2007006511 W 20070721
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Abstract (en)
[origin: WO2008061575A1] An electric motor (12, 12') has a sensor, in particular a Hall sensor (16), at which at least one terminal (88, 92) is provided. A programmable ASIC (22) is associated with the motor (12, 12'), which ASIC can be programmed by a programming signal (SCL, SDA) being supplied to at least one predetermined terminal (68, 78) of said ASIC (22) from a predetermined external terminal (21, 23) via an associated fuse (66, 76). This predetermined ASIC terminal (68, 78) is connected to a supply line (72) via at least one diode (70, 80) in order to make it possible to interrupt the fuse (66, 76) by a current (Im) through the diode (70, 80) and the fuse (66, 76) being produced between the predetermined external terminal (21, 23) and the supply line (72). A terminal (88, 92), which is provided on the sensor (16), is connected to the at least one predetermined external terminal (21, 23), wherein the at least one external terminal (21, 23), after fusing of the fuse (66, 76), forms an exclusive external terminal, which is now associated with the sensor (16).

IPC 8 full level
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