

Title (en)
ELECTRIC MOTOR AND METHOD FOR PRODUCING SAID MOTOR

Title (de)
ELEKTROMOTOR, SOWIE VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN

Title (fr)
MOTEUR ELECTRIQUE ET SON PROCEDE DE PRODUCTION

Publication
EP 1685596 A2 20060802 (DE)

Application
EP 04791344 A 20041029

Priority

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- DE 10352079 A 20031108

Abstract (en)
[origin: WO2005046020A2] The invention relates to an electric motor (10), in particular for displacing moving parts in a motor vehicle. Said motor comprises an electronic unit (70) with a sandwich construction, which contains a first electrically conductive substrate (71) and a second electrically conductive substrate (72). Power components are located between said substrates and are electrically connected to both substrates (71, 72). The side (84) of the second substrate (72) facing away from the first substrate (71) is equipped with additional electronic components (56). The first substrate (71) is configured as a conductive punched grid (44), which together with the second substrate (72) is surrounded by a plastic body (95) in an insert moulding process, in such a way that extensions (97) of the punched grid (44) protrude from the plastic body (95), forming an electrical and/or mechanical interface (98) for connecting additional motor components (99, 38, 40, 104, 102, 80).

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Citation (search report)
See references of WO 2005046020A2

Citation (examination)

- US 6256200 B1 20010703 - LAM ALLEN K [US], et al
- US 4589195 A 19860520 - DU BOIS JERRY M [US], et al

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