

Title (en)
ELECTROMOTOR

Title (de)
ELEKTROMOTOR

Title (fr)
MOTEUR ELECTRIQUE

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Application
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Abstract (en)
[origin: WO0178213A1] The invention relates to an electromotor comprising a stator (11) and a rotor (12) which is held by its rotor shaft (13) in rotor bearings (14, 15) so that it can rotate and comprising an effective decoupling of the stator (11) from the rotor bearings (14, 15) to reduce airborne sound and mechanical vibration. In order to achieve a simple, sturdy construction, whilst at the same time reducing the noise of the motor, the rotor bearings (14, 15) are fixed to a housing (10) which encompasses the stator (11), whilst the stator (11) is decoupled by being spring-mounted onto the housing (10). In addition, elastic decoupling elements (28) are located between the stator (11) and the housing (10).

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