Title (en)

SINGLE-PHASE ELECTROACTIVE MOTOR

Title (de)

MONOPHASIGER ELEKTROAKTIVER MOTOR

Title (fr)

MOTEUR ELECTROACTIF MONOPHASE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004021555A2] The invention relates to a rotary piezoelectric motor (1) in which a geometrical asymmetry can be introduced, e.g. in the counter-masses (11, 14) or in the stator fixing means (10), in order to produce a phase shift previously obtained using a phase quadrature power supply. A simplified single-phase power supply (40) can be used with one such motor. The inventive motors offer advantages in terms of cost and reliability, particularly for motors that require only a single direction of rotation. Said motors are particularly suitable for small motors such as those used for clock and watch making, microsurgery or microelectronics.

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