

Title (en)
TWO-PHASE SYMMETRICAL MOTOR WITH A ROTOR WITH A BIPOLAR PERMANENT MAGNET AND METHOD FOR THE PRODUCTION OF SAID MOTOR

Title (de)
SYMMETRISCHER ZWEIPHASENMOTOR MIT ROTOR MIT BIPOLAREM PERMANENTMAGNET UND VERFAHREN ZUR HERSTELLUNG DES MOTORS

Title (fr)
MOTEUR BIPHASE SYMETRIQUE AVEC UN ROTOR A AIMANT PERMANENT BIPOLAIRE ET PROCEDE DE FABRICATION D'UN TEL MOTEUR

Publication
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Application
EP 05715796 A 20050307

Priority

- EP 2005002385 W 20050307
- EP 04005345 A 20040305
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Abstract (en)
[origin: EP1571749A1] The motor has a stator with three main magnetic poles (8, 10, 12) arranged in a same plane, and a rotor with a permanent bipolar magnet. The pole (12) defines two adjacent secondary magnetic poles (26, 28) separated from each other by a high magnetic reluctance area. The poles (8, 10) and the secondary poles (26, 28) are distributed into four circular sectors of about 90 degrees around a stator opening. The two poles (8, 10) are connected to the pole (12) by respective magnetic cores (16, 18) carrying respective supply coils. An independent claim is also included for an indicator device of the value of a measured physical magnitude in a motor vehicle.

IPC 8 full level
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CPC (source: EP KR US)
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