

Title (en)
PERMANENT-MAGNET SYNCHRONOUS MACHINE, AND A PRODUCTION METHOD FOR IT

Title (de)
PERMANENTMAGNETISCHE SYNCHRONMASCHINE UND DEREN HERSTELLUNGSVERFAHREN

Title (fr)
MACHINE SYNCHRONE À AIMANTS PERMANENTS ET SON PROCÉDÉ DE RÉALISATION

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Abstract (en)
[origin: WO2007036453A1] An electrical synchronous machine (1) is proposed having a stator (5), an electrical winding (10) and a rotor (15) with permanent magnets formed by components (20) composed of magnetic materials, with the rotor (15) having at least one first (30) and one second (35) rotor part, and with the permanent magnets being arranged between the first (30) and the second (35) rotor parts. In one particular embodiment, the first rotor part (30) is formed by an outer rotor part, and the second rotor part (35) is formed by an inner rotor part. Furthermore, a method is described for production of a synchronous machine (1) such as this.

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