

Title (en)
STATOR IN AN ELECTRIC MOTOR

Title (de)
ÄUSSERER STATOR EINES ELEKTROMOTORS

Title (fr)
STATOR DE MOTEUR ÉLECTRIQUE

Publication
EP 2084805 A2 20090805 (DE)

Application
EP 07821016 A 20071008

Priority
• EP 2007060643 W 20071008
• DE 102006050166 A 20061025

Abstract (en)
[origin: DE102006050166A1] The stator (1) has a stator part (2) formed as a hollow body and comprising an accommodating space (5) for accommodating a rotary armature. A wall of stator section is made of a magnetically conductive material, and is provided with permanent magnets (3, 4, 6, 7). The stator part is produced as a sintered component part, and is sectionally made of a soft-magnetic sintered material. The stator part has sections made of various sintered materials with different physical characteristics. The stator part is sectionally made of soft-magnetic and hard-magnetic sintered materials. An independent claim is also included for a method for manufacturing a stator.

IPC 8 full level
H02K 1/02 (2006.01); **H02K 1/17** (2006.01); **H02K 15/03** (2006.01)

CPC (source: EP)
H02K 1/02 (2013.01); **H02K 1/17** (2013.01); **H02K 15/03** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
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