

Title (en)  
ELECTRICAL MOTOR, ESPECIALLY A THREE-PHASE ALTERNATOR

Title (de)  
ELEKTRISCHE MASCHINE, INSBESONDERE DREHSTROMGENERATOR

Title (fr)  
MOTEUR ELECTRIQUE, NOTAMMENT ALTERNATEUR TRIPHASE

Publication  
**EP 1042857 A1 20001011 (DE)**

Application  
**EP 99948698 A 19990728**

Priority  
• DE 9902296 W 19990728  
• DE 19838285 A 19980730

Abstract (en)  
[origin: DE19935074A1] The machine includes a stator (21) fastened in a casing, an induction rotor (23) with a winding (28) fastened on a shaft (13), and a transformer (29) with a primary and secondary windings (30; 31) at the side of the rotor. The windings are arranged on a core (36,41,47, 35,42,48) made from soft magnetic material, and are magnetically coupled via an air gap (3). The transformer is arranged between the rotor and a bearing shield (17) terminating the casing (10) of the generator. The primary winding (30) and the corresponding stationary core (36,41,47) are arranged at the bearing shield.

IPC 1-7  
**H02K 19/36**; **H01F 38/18**

IPC 8 full level  
**H02K 19/26** (2006.01); **H02K 19/36** (2006.01); **H02K 19/38** (2006.01)

CPC (source: EP US)  
**H02K 19/26** (2013.01 - EP US); **H02K 19/36** (2013.01 - EP US); **H02K 19/365** (2013.01 - EP US)

Citation (search report)  
See references of WO 0007283A1

Designated contracting state (EPC)  
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