

Title (en)

METHOD AND APPARATUS FOR PROFILING MAGNETIC FLUX

Title (de)

VERFAHREN UND VORRICHTUNG ZUR FORMUNG VON MAGNETISCHEM FLUSS

Title (fr)

PROCEDE ET APPAREIL DE FA ONNAGE D'UN FLUX MAGNETIQUE

Publication

EP 0965161 A1 19991222 (EN)

Application

EP 98908128 A 19980305

Priority

- FI 9800197 W 19980305
- FI 970943 A 19970305

Abstract (en)

[origin: WO9843340A1] An electric machine according to the invention comprises a rotor means (10) and a stator means (20) surrounding the rotor means having radially extending slots (21). Slot lock components (14) are provided in at least some of said slots. The slot lock extends in said slot essentially to the periphery of the rotor bore of the stator means. The relative permeability (μ_r) and the saturated flux density of the slot lock means is essentially good. In the inventive method the density of magnetic flux effecting on the rotor means surface is made more uniform by slot lock components described above.

IPC 1-7

H02K 3/487; **H02K 3/493**

IPC 8 full level

H02K 3/493 (2006.01)

CPC (source: EP)

H02K 3/493 (2013.01); **Y02P 80/30** (2015.11)

Citation (search report)

See references of WO 9843340A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9843340 A1 19981001; AU 6624598 A 19981020; CN 1104772 C 20030402; CN 1255254 A 20000531; EP 0965161 A1 19991222; FI 970943 A0 19970305; FI 970943 A 19980906

DOCDB simple family (application)

FI 9800197 W 19980305; AU 6624598 A 19980305; CN 98804828 A 19980305; EP 98908128 A 19980305; FI 970943 A 19970305