

Title (en)

ELECTRICAL MACHINE HAVING A THREE-PHASE WINDING SYSTEM

Title (de)

ELEKTRISCHE MASCHINE MIT EINEM DREISTRÄNGIGEN WICKLUNGSSYSTEM

Title (fr)

MACHINE ÉLECTRIQUE COMPRENANT UN SYSTÈME D'ENROULEMENT À TROIS FAISCEAUX

Publication

EP 1974439 A1 20081001 (DE)

Application

EP 07703757 A 20070110

Priority

- EP 2007050210 W 20070110
- DE 102006002900 A 20060120

Abstract (en)

[origin: DE102006002900A1] Electric machine comprises a stand with a coil system (10) containing eighteen partial coils (11-28) placed in each two grooves (6). Each two of the partial coils form one of nine interlaced partial coil groups. The partial coils of each partial coil group are assigned to different coil strands (34, 35, 36). A non-wound tooth (30) is present between each neighboring partial coil groups. Preferred Features: A supply or cooling channel (31) is arranged within the non-wound teeth. The machine also has a rotor (3) with permanent magnets (5).

IPC 8 full level

H02K 3/28 (2006.01)

CPC (source: EP US)

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Citation (search report)

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