

Title (en)  
ELECTRIC MACHINE

Title (de)  
ELEKTRISCHE MASCHINE

Title (fr)  
MACHINE ELECTRIQUE

Publication  
**EP 2122809 A2 20091125 (DE)**

Application  
**EP 08706364 A 20080215**

Priority  
• CH 2008000064 W 20080215  
• CH 2552007 A 20070215

Abstract (en)  
[origin: WO2008098403A2] In an electric machine for converting electrical energy into mechanical energy and vice-versa, comprising a movable part (k, k', f, fr, fr') and a stationary part (S, M, L, W), the movable part (k, k', f, fr, fr') is designed as an inner rotor (k, k', f, fr, fr') without a winding for transverse magnetic flux. For the purposes of magnetic flux guidance, the rotor (k, k', f, fr, fr') has at least two axially spaced apart magnetic conductors (f), and the stationary part (S, M, L, W) has in the circumferential direction of the electric machine a number of magnetic webs (S, M) which operationally interact with the magnetic conductors (f) of the rotor (k, k', f, fr, fr'). The stationary part (S, M, L, W) has at least one first winding structure (W) and a second winding structure (L) arranged between the axially spaced apart magnetic conductors (f) of the rotor.

IPC 8 full level  
**H02K 17/12** (2006.01); **H02K 19/10** (2006.01); **H02K 21/04** (2006.01); **H02K 99/00** (2014.01)

CPC (source: EP US)  
**H02K 17/12** (2013.01 - EP US); **H02K 19/103** (2013.01 - EP US); **H02K 21/046** (2013.01 - EP US); **H02K 99/20** (2016.10 - EP US);  
**H02K 2201/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008098403A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008098403 A2 20080821**; **WO 2008098403 A3 20081002**; CN 101657955 A 20100224; CN 101657955 B 20120704;  
EP 2122809 A2 20091125; US 2009295237 A1 20091203; US 7990009 B2 20110802

DOCDB simple family (application)  
**CH 2008000064 W 20080215**; CN 200880005148 A 20080215; EP 08706364 A 20080215; US 54042809 A 20090813