

Title (en)  
INTERFERENCE SUPPRESSION SYSTEM IN AN ENGINE WITH PERMANENT MAGNETS ACTIVATING A FUNCTIONAL MOTOR VEHICLE ELEMENT

Title (de)  
SYSTEM ZUR FUNKENTSTÖRUNG EINES PERMANENTMAGNETMOTORS EINES FUNKTIONELLEN KRAFTSFAHRZEUGELEMENTES

Title (fr)  
SYSTEME D'ANTIPARASITAGE D'UN MOTEUR A AIMANTS PERMANENTS D'ACTIVATION D'UN ORGANE FONCTIONNEL DE VEHICULE AUTOMOBILE

Publication  
**EP 1055279 A1 20001129 (FR)**

Application  
**EP 99901668 A 19990129**

Priority  
• FR 9900193 W 19990129  
• FR 9801231 A 19980203

Abstract (en)  
[origin: FR2774525A1] The invention concerns an interference suppression system in an engine with permanent magnets activating a functional motor vehicle element, wherein the engine (1) comprises powering brushes (8, 9), connected to an external power source (12) with wires (10, 11) and a metal field magnet frame (2). The invention is characterised in that each brush (8, 9) is connected to the engine metal field magnet frame (2) through at least an interference suppression capacitor (13, 14) and the engine (1) metal field magnet frame (2) is connected to the vehicle earth connection (15).

IPC 1-7  
**H02K 11/02**

IPC 8 full level  
**H02K 5/22** (2006.01); **H02K 11/02** (2006.01); **H02K 13/00** (2006.01); **H05K 9/00** (2006.01)

CPC (source: EP US)  
**H02K 5/225** (2013.01 - EP US); **H02K 11/02** (2013.01 - EP US); **H02K 11/40** (2016.01 - EP US); **H05K 9/0064** (2013.01 - EP US)

Citation (search report)  
See references of WO 9940672A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**FR 2774525 A1 19990806**; **FR 2774525 B1 20000331**; EP 1055279 A1 20001129; JP 2002503077 A 20020129; US 6867515 B1 20050315; WO 9940672 A1 19990812

DOCDB simple family (application)  
**FR 9801231 A 19980203**; EP 99901668 A 19990129; FR 9900193 W 19990129; JP 2000530976 A 19990129; US 60154501 A 20010329