

Title (en)

SYSTEM FOR ENERGY RECOVERY IN ELECTRIC FANS FOR CAR RADIATORS

Title (de)

SYSTEM ZUR ENERGIERÜCKGEWINNUNG VON ELEKTRISCHEN KÜHLERGEBLÄSEN

Title (fr)

SYSTEME DE RECUPERATION D'ENERGIE POUR VENTILATEURS ELECTRIQUES DE RADIATEURS AUTOMOBILES

Publication

EP 1056613 A1 20001206 (EN)

Application

EP 99963359 A 19991201

Priority

- EP 9909375 W 19991201
- IT TO981051 A 19981216

Abstract (en)

[origin: WO0035701A1] A system for energy recovery in electric fans of car radiators, which comprises at least one power supply (B), which is connected to an electronic control device (CM), operated by a pilot electronic-box (CC) and coupled to an electric machine (M), able to start at least one cooling fan (V); a pilot circuit being placed between said electronic control device (CM) and said electric machine (M) so that the electric machine (M) may be configured like a motor for the fan or like a controlled generator operated by the fan itself, said electric machine (M) being controlled by an application program for computers able to control the electric machine (M) in function of sizes or parameters inside the system and/or commands outside the system.

IPC 1-7

B60K 25/04

IPC 8 full level

B60K 11/04 (2006.01); **F01P 5/04** (2006.01); **B60K 25/00** (2006.01); **F04D 27/00** (2006.01); **H02J 7/00** (2006.01); **H02J 7/32** (2006.01); **H02P 9/00** (2006.01)

CPC (source: EP)

F01P 5/04 (2013.01); **F04D 27/00** (2013.01); **H02J 7/32** (2013.01); **F01P 2023/08** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0035701 A1 20000622; BR 9908029 A 20001031; CA 2318149 A1 20000622; EP 1056613 A1 20001206; IT 1303604 B1 20001114; IT TO981051 A0 19981216; IT TO981051 A1 20000616; JP 2002533046 A 20021002

DOCDB simple family (application)

EP 9909375 W 19991201; BR 9908029 A 19991201; CA 2318149 A 19991201; EP 99963359 A 19991201; IT TO981051 A 19981216; JP 2000587987 A 19991201