

Title (en)
BAND ATTENUATION FILTER

Title (de)
BANDDÄMPFUNGSFILTER

Title (fr)
FILTRE ATTENUATEUR DE BANDE

Publication
EP 2724452 A1 20140430 (FR)

Application
EP 12728593 A 20120621

Priority
• FR 1155465 A 20110621
• EP 2012061924 W 20120621

Abstract (en)
[origin: WO2012175590A1] The invention relates to a band attenuation/elimination filter (F) for the electromagnetic emissions of a DC motor having brushes. Said filter comprises at least one gamma filter (G) having capacitive (C1)/reactive (L1) impedance components, which is to be connected between the positive power supply input (M+) of the motor, the negative power supply input (M-) of the motor, and the negative terminal of the battery (B-). The capacitive impedance component (C1) is to be connected between the negative power supply input (M-) of the motor and the positive power supply input (M+) of the motor. A reactive impedance component (L2) is provided and is to be connected in series between the positive power supply input (M+) of the motor and the positive terminal of the battery (B+). The invention can be used for windshield-wiper motors for motor vehicles.

IPC 8 full level
H02K 11/02 (2006.01); **H03H 7/01** (2006.01)

CPC (source: EP KR US)
H02K 11/02 (2013.01 - EP US); **H02K 11/026** (2013.01 - KR US); **H03H 1/0007** (2013.01 - US); **H03H 7/0115** (2013.01 - US);
H03H 7/427 (2013.01 - EP US)

Citation (search report)
See references of WO 2012175590A1

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

DOCDB simple family (publication)
FR 2977084 A1 20121228; FR 2977084 B1 20130705; BR 112013033195 A2 20170301; CN 103782492 A 20140507; EP 2724452 A1 20140430; JP 2014520468 A 20140821; KR 20140043926 A 20140411; MX 2014000098 A 20140528; US 2014139060 A1 20140522; WO 2012175590 A1 20121227

DOCDB simple family (application)
FR 1155465 A 20110621; BR 112013033195 A 20120621; CN 201280040942 A 20120621; EP 12728593 A 20120621; EP 2012061924 W 20120621; JP 2014516336 A 20120621; KR 20147001464 A 20120621; MX 2014000098 A 20120621; US 201214128168 A 20120621