

Title (en)
BAND ATTENUATION FILTER

Title (de)
BANDDÄMPFUNGSFILTER

Title (fr)
FILTRE ATTENUATEUR DE BANDE

Publication
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Application
EP 12728593 A 20120621

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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.

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