

Title (en)

DEVICE AND METHOD FOR FILTERING THE RESONANCE PEAK IN A CIRCUIT FOR SUPPLYING AT LEAST ONE LOUD SPEAKER UPSTREAM OF THE LATTER

Title (de)

VORRICHTUNG UND VERFAHREN ZUR FILTRIERUNG DER RESONANZSPITZE IN EINER SCHALTUNG ZUR VERSORGUNG VON MINDESTENS EINEM VORGESCHALTETEN LAUTSPRECHER

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FILTRAGE DU PIC DE RÉSONANCE DANS UN CIRCUIT D'ALIMENTATION D'AU MOINS UN HAUT-PARLEUR EN AMONT DE CELUI-CI

Publication

EP 3114856 A1 20170111 (FR)

Application

EP 15714246 A 20150303

Priority

- FR 1400581 A 20140305
- FR 2015000049 W 20150303

Abstract (en)

[origin: WO2015140421A1] The present invention relates to a circuit for supplying acoustic signals to at least one loudspeaker (LS), this circuit comprising a device for filtering the resonance peak occurring at a certain frequency of the supply current, characterized in that the device for filtering the peak is incorporated into a first bypass branch of the intermediate circuit between at least two converters (A, AO), this filtering device being purely electrical in the form of an impedance (Z3) connected on the one hand, to a point of the intermediate circuit, and, on the other hand to an instrumentation earth, the impedance being termed RLC (Z3), comprising at least one first resistor (R3), at least one first capacitor (C3) and at least one first inductor (L3) arranged in series, the parameters of the first resistor (R3), of the first capacitor (C3) and of the first inductor (L3) being predetermined as a function of the resonance peak to be filtered.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2015140421A1

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DOCDB simple family (publication)

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