

Title (en)

Mechanical filter for acoustic systems and television set equipped with such filters

Title (de)

Mechanisches Filter für akustische Systeme sowie mit solche Filter ausgerüstete Fernsehern

Title (fr)

Filtre mécanique pour systèmes acoustiques et televiseur équipé de tels filtres

Publication

EP 1041538 A1 20001004 (EN)

Application

EP 00201058 A 20000322

Priority

FR 9903964 A 19990330

Abstract (en)

The invention relates to a mechanical filter for acoustic systems comprising at least one loudspeaker (6) and an acoustic horn (5) associated with the loudspeaker, the one open end (7) of the horn being secured to the edge (8) of the diaphragm (9) of the loudspeaker and the other open end (4) of the horn constituting the acoustic output. The horn exhibits rigid walls of which a part (10, 11) is rendered flexible, the flexible part of the horn being able to vibrate under the acoustic pressure inside the horn so as to filter or absorb the resonant peak(s) in the acoustic response of the rigid horn. The invention is particularly beneficial in improving the acoustic system for television sets. <IMAGE>

IPC 1-7

G10K 11/04; H04R 1/28

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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