

Title (en)

Speaker driving circuit and mobile terminal

Title (de)

Ansteuerschaltung für einen Lautsprecher und mobiles Endgerät

Title (fr)

Circuit de commande pour haut parleur et terminal mobile

Publication

EP 1499157 A1 20050119 (EN)

Application

EP 03016331 A 20030718

Priority

EP 03016331 A 20030718

Abstract (en)

A speaker driving circuit (10) for processing an audio signal (SOUT) to be outputted by a loudspeaker (101) having a resonance frequency comprises means (107) for receiving a signal from a signal source (121, 123); a band-pass filter (109) and a high-pass filter (111) for filtering the signal received to a first and a second filtered signal, whereby the band-pass filter (109) has a lower cut-off frequency at or lower than the resonance frequency of the loudspeaker, and the high-pass filter (111) has a cut-off frequency higher than the resonance frequency of the loudspeaker; and means (105) for selecting the first or the second filtered signal for amplifying the filtered signal or for selecting the band-pass filter (109) or the high-pass filter (111). <IMAGE>

IPC 1-7

H04R 3/04; H04M 19/04

IPC 8 full level

H04R 3/04 (2006.01)

CPC (source: EP)

H04R 3/04 (2013.01)

Citation (search report)

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