

Title (en)

CIRCUIT FOR DERIVING AUDIO SIGNAL MASKING SIGNALS

Title (de)

SCHALTUNGSANORDNUNG ZUR ABLEITUNG VON SIGNALEN ZUR MASKIERUNG VON AUDIOSIGNALEN

Title (fr)

CIRCUIT POUR LA DERIVATION DE SIGNAUX DE MASQUAGE DE SIGNAUX AUDIO

Publication

EP 0691050 B1 19961218 (DE)

Application

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Priority

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Abstract (en)

[origin: US5661810A] PCT No. PCT/DE94/00321 Sec. 371 Date Aug. 25, 1995 Sec. 102(e) Date Aug. 25, 1995 PCT Filed Mar. 22, 1994 PCT Pub. No. WO94/22229 PCT Pub. Date Sep. 29, 1995 The circuit arrangement includes a first low-pass filter (2) for filtering an input signal (H3) proportional to the strength of a received radio signal; a second low-pass filter (3) for filtering the input signal (H3); a first weighting circuit (7) for weighting the first low-pass filter output signal with first coefficients to form a first weighted output signal; a circuit device for forming a masking signal for reducing stereo channel isolation from the first weighted output signal; a second weighting circuit (5) for forming a second weighted output signal weighted with second coefficients from the first low-pass filter output signal or the second low-pass filter output signal according to a switching signal (DD2) indicative of interference in the audio signals; a switch device (4) for selecting the first low-pass filter output signal for weighting in the second weighting circuit means (5) when no interference is indicated by the switching signal (DD2) and the second low-pass filter output signal for weighting in the second weighting circuit means (5) when interference is indicated by the switching signal (DD2); and a circuit device for forming a masking signal for damping the audio signal from the second weighted output signal.

IPC 1-7

H04B 1/16

IPC 8 full level

H03H 17/02 (2006.01); **H03H 17/04** (2006.01); **H04B 1/10** (2006.01); **H04B 1/16** (2006.01); **H04B 1/26** (2006.01); **H04B 1/64** (2006.01); **H04H 5/00** (2006.01); **H04H 40/63** (2008.01); **H04H 40/72** (2008.01); **H04H 20/57** (2008.01)

IPC 8 main group level

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