

Title (en)

CIRCUIT FOR DERIVING A QUALITY SIGNAL DEPENDENT ON THE QUALITY OF A RECEIVED MULTIPLEX SIGNAL

Title (de)

SCHALTUNGSANORDNUNG ZUR ABLEITUNG EINES VON DER QUALITÄT EINES EMPFANGENEN MULTIPLEXSIGNALS ABHÄNGIGEN QUALITÄTSSIGNALS

Title (fr)

CIRCUIT POUR LA DERIVATION D'UN SIGNAL DE QUALITE DEPENDANT DE LA QUALITE D'UN SIGNAL MULTIPLEX DE RECEPTION

Publication

**EP 0691049 A1 19960110 (DE)**

Application

**EP 94911061 A 19940322**

Priority

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- DE 9400320 W 19940322

Abstract (en)

[origin: WO9422228A1] In a circuit for deriving a quality signal dependent on the quality of a received multiplex signal in a stereo radio receiver. The multiplex signal contains a sum signal (L+R) in the base band, an auxiliary carrier modulated with a difference signal (L-R) and a pilot signal at half the frequency of the auxiliary carrier, the multiplex signal in digital form is multiplied by a reference carrier obtained from a scanning pulse generated in the radio receiver in two phase positions mutually offset by 90 DEG . The mixed signals obtained by the multiplication are multiplied by a correction signal to form corrected mixed signals which are added and taken together with the sum signal to a matrix circuit to form stereo audio signals (L, R). The mixed signals are also multiplied by the other correction signal. The products of these multiplications are subtracted from each other and low-pass-filtered.

IPC 1-7

**H04B 1/16**; **H04B 1/30**

IPC 8 full level

**H03H 17/04** (2006.01); **H03H 17/02** (2006.01); **H04B 1/10** (2006.01); **H04B 1/16** (2006.01); **H04B 1/26** (2006.01); **H04B 1/30** (2006.01); **H04B 1/64** (2006.01); **H04H 20/12** (2008.01); **H04H 40/45** (2008.01)

IPC 8 main group level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9422228A1

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DOCDB simple family (publication)

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