

Title (en)
DEVICE FOR DETERMINING THE QUALITY OF AN OUTPUT SIGNAL TO BE GENERATED BY A SIGNAL PROCESSING CIRCUIT, AND ALSO METHOD

Title (de)
VORRICHTUNG UND VERFAHREN ZUR BESTIMMUNG DER QUALITÄT EINES AUSGANGSSIGNALS DAS VON EINEM SIGNALVERARBEITUNGSSCHALTKEIS ERZEUGT WERDEN SOLL

Title (fr)
DISPOSITIF POUR DETERMINER LA QUALITE D'UN SIGNAL DE SORTIE DEVANT ETRE GENERE PAR UN CIRCUIT DE TRAITEMENT DE SIGNAUX, ET PROCEDE ASSOCIE

Publication
EP 0901677 A1 19990317 (EN)

Application
EP 97927046 A 19970516

Priority
• EP 97927046 A 19970516
• EP 9702712 W 19970516
• EP 96201348 A 19960521

Abstract (en)
[origin: EP0809236A1] A device for determining the quality of an output signal originating from a signal processing circuit is provided with a first series circuit for receiving the output signal and with a second series circuit for receiving a reference signal and generates an objective quality signal by means of a combining circuit coupled to the two series circuits. The poor correlation between said objective quality signal and a subjective quality signal can be improved by inside the combining circuit comparing a differential signal which has been integrated with respect to frequency with a predefined value and then in dependence of a comparison result integrating it with respect to time or not, and/or comparing a quality signal associated with a left channel with a quality signal associated with a right channel and selecting the quality signal having the largest value and modifying it in dependence of integrated differential signals. <IMAGE>

IPC 1-7
G10L 5/00

IPC 8 full level
G10L 11/00 (2006.01); **G10L 19/00** (2006.01); **G10L 19/02** (2006.01); **G10L 25/69** (2013.01); **H03M 7/30** (2006.01)

CPC (source: EP)
G10L 25/69 (2013.01)

Citation (search report)
See references of WO 9744779A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0809236 A1 19971126; EP 0809236 B1 20010829; AT E205009 T1 20010915; AT E222015 T1 20020815; AU 3167797 A 19971209; CA 2256064 A1 19971127; CA 2256064 C 20040907; CN 1121677 C 20030917; CN 1225738 A 19990811; DE 69614829 D1 20011004; DE 69614829 T2 20020404; DE 69714585 D1 20020912; DE 69714585 T2 20030403; EP 0901677 A1 19990317; EP 0901677 B1 20020807; ES 2161965 T3 20011216; ES 2182094 T3 20030301; JP 2000515985 A 20001128; JP 3568538 B2 20040922; WO 9744779 A1 19971127

DOCDB simple family (application)
EP 96201348 A 19960521; AT 96201348 T 19960521; AT 97927046 T 19970516; AU 3167797 A 19970516; CA 2256064 A 19970516; CN 97196546 A 19970516; DE 69614829 T 19960521; DE 69714585 T 19970516; EP 9702712 W 19970516; EP 97927046 A 19970516; ES 96201348 T 19960521; ES 97927046 T 19970516; JP 54159097 A 19970516