

Title (en)
SYSTEM FOR AURALIZING A LOUDSPEAKER IN A MONITORING ROOM FOR ANY TYPE OF INPUT SIGNALS

Title (de)
ANORDNUNG ZUR AURALISATION EINES LAUTSPRECHERS IN EINEM ABHÖRRAUM BEI BELIEBIGEN EINGANGSSIGNALEN

Title (fr)
SYSTEME D'AURALISATION D'UN HAUT-PARLEUR DANS UN ESPACE D'AUDITION POUR N'IMPORTE QUEL TYPE DE SIGNAUX D'ENTREE

Publication
EP 1344427 A1 20030917 (DE)

Application
EP 00985236 A 20001222

Priority
EP 0013137 W 20001222

Abstract (en)
[origin: WO02052895A1] The system comprises a loudspeaker simulation unit for simulating the transmission behavior of the loudspeaker and comprises a room simulation unit, which is connected in outgoing circuit to the loudspeaker simulation unit and which is provided for simulating the transmission behavior of a given monitoring room. The room simulation unit is followed by a presentation unit, which generates an acoustic signal that corresponds to the auditory impression of the loudspeaker in the monitoring room, and/or is followed by an evaluation unit that evaluates the signal, which is provided by the room simulation unit, with regard to at least one psychoacoustic measured quantity, and the evaluation unit outputs a corresponding measurement signal. This measurement signal corresponds to a measurement signal that occurs inside the monitoring room during the presentation of the input signals.

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CPC (source: EP US)
H04R 29/003 (2013.01 - EP US)

Citation (search report)
See references of WO 02052895A1

Citation (examination)
• US 5844816 A 19981201 - INANAGA KIYOFUMI [JP], et al
• WO 9921164 A1 19990429 - NOKIA OYJ [FI], et al

Cited by
CN111656803A; US11308932B2

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EP 0013137 W 20001222; EP 00985236 A 20001222; US 45161303 A 20031104