

Title (en)
Method and apparatus for controlling the performance of a loudspeaker in a room

Title (de)
Verfahren und Vorrichtung zur Leistungsregelung eines Lautsprechers in einem Raum

Title (fr)
Procédé et appareil pour contrôler la performance d'un haut-parleur dans une salle

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Application
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Abstract (en)
A method for controlling the performance of a loudspeaker in a room, by determining in a first acoustic environment suitable parameters defining a first complex transfer function based on a measurement of the resultant movement of a loudspeaker driver diaphragm and the associated force, arising from the sound field in the room, acting on it, and in a second acoustic environment the same or different parameters of a second complex transfer function by measuring the loudspeaker driver relating to the room. The ratio between the real parts of the first and second transfer functions is used to define the performance of a correcting filter, included in the signal chain to the loudspeaker driver.

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IPC 8 full level
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Citation (applicant)
WO 8400274 A1 19840119 - B & W LOUDSPEAKERS [GB]

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US8144904B2; CN110402585A; EP3583783A4; US9794707B2; WO2009007322A3; WO2016083970A1; WO2006116883A1; WO2012003894A1; US9734242B2; US9891881B2; US10127008B2; US10306364B2; US8144883B2; US10284983B2; US11106423B2; US11106424B2; US8094826B2; US9781513B2; US10459684B2; US10853027B2; US11698770B2; US9766853B2; US9860670B1; US9928026B2; US10228898B2; US10448194B2; US11385858B2; US10585639B2; US10613817B2; US11099808B2; US11294618B2; US11556305B2; US11803350B2; US9690271B2; US10359987B2; US10365884B2; US10387102B2; US11132170B2; US11206484B2; US11429343B2; US11550536B2; US11635935B2; US9977561B2; US10983750B2; US11467799B2; US11481182B2; US11907610B2; US9668049B2; US10003899B2; US10390161B2; US10735879B2; US11006232B2; US11184726B2; US11516612B2; US11894975B2; US11909588B2; US9743207B1; US10063983B2; US10244314B2; US10299039B2; US10405117B2; US10841719B2; US11432089B2; US11800306B2; US9866447B2; US9960969B2; US10097423B2; US10127006B2; US10439896B2; US10541883B2; US10965545B2; US10979310B2; US11025509B2; US11265652B2; US11456928B2; US11650784B2; US11758327B2; US9715367B2; US9756424B2; US9952825B2; US10028056B2; US10136218B2; US10306365B2; US10425733B1; US10448159B2; US10555082B2; US10599386B2; US10734965B1; US10966025B2; US11029917B2; US11082770B2; US11374547B2; US11540050B2; US11625219B2; US11728780B2; US9065411B2; US9519454B2; US9690539B2; US9743181B2; US9860662B2; US9864574B2; US9998841B2; US10051397B2; US10296282B2; US10299061B1; US10372406B2; US10405116B2; US10402154B2; US10582326B1; US10664224B2; US10848892B2; US10853022B2; US10880664B2; US10884698B2; US10904685B2; US11212629B2; US11237792B2; US11350233B2; US11379179B2; US11531514B2; US11729568B2; US11736877B2; US11877139B2; US9367611B1; US9521489B2; US9749763B2; US9781533B2; US9778901B2; US9794710B1; US9910634B2; US9936318B2; US10129678B2; US10129679B2; US10271150B2; US10462592B2; US10750303B2; US11005440B2; US11337017B2; US11736878B2; US11888456B2; US9648422B2; US9693165B2; US9729115B2; US9736584B2; US9749744B2; US9788113B2; US9820045B2; US9913057B2; US9961464B2; US9961463B2; US9992597B2; US10045138B2; US10045139B2; US10063202B2; US10129674B2; US10284984B2; US10412516B2; US10419864B2; US10674293B2; US10720896B2; US10791405B2; US11064306B2; US11106425B2; US11197112B2; US11368803B2; US11516606B2; US11516608B2; US11706579B2; US11800305B2; US9743208B2; US9763018B1; US9930470B2; US10045142B2; US10051399B2; US10299054B2; US10299055B2; US10334386B2; US10455347B2; US10511924B2; US10750304B2; US10791407B2; US10945089B2; US10986460B2; US11122382B2; US11153706B1; US11197117B2; US11218827B2; US11290838B2; US11528578B2; US11540073B2; US11825289B2; US11825290B2; US11889276B2; US11889290B2; US11910181B2; US9658820B2; US9706323B2; US9727303B2; US9727302B2; US9727304B2; US9733893B2; US9733891B2; US9733892B2; US9740453B2; US9749760B2; US9778897B2; US9778898B2; US9778900B2; US9781532B2; US9813827B2; US9860657B2; US9872119B2; US10031715B2; US10120638B2; US10129675B2; US10133536B2; US10140085B2; US10146498B2; US10154359B2; US10157034B2; US10157035B2; US10157033B2; US10175930B2; US10175932B2; US10185540B2; US10185541B2; US10209953B2; US10216473B2; US10228902B2; US10282164B2; US10289380B2; US10296283B2; US10303431B2; US10303432B2; US10324684B2; US10412517B2; US10445054B2; US10469966B2; US10545723B2; US10701501B2; US10747496B2; US10754613B2; US10754612B2; US10848885B2; US10863295B2; US10897679B2; US10949163B2; US10956119B2; US10963215B2; US10970034B2; US11080001B2; US11200025B2; US11301207B1; US11388532B2; US11403062B2; US11550539B2; US11625221B2; US11696081B2

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