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(54) **Method for determining the angular position of a sound source**

(57) The subject method relates to calculating the distance of a sound source in a sound system to a detection centre or to at least one sensor, or the location of such sound source relative to the detection centre or to at least one sensor, and to determining the angular position of the sound source by making use of such calculated distance or location information and the detected signal response provided in a pre-established database. Said database comprises detected signal response data acquired from previously conducted testing for a given sound source, the distance information used in said test-

ing process, and the angular position data of the sound source matching with such data. By using this method, the angular positions of sound sources composing a sound system are accurately determined. This method provides a basis for processes to be executed for enhancing the sound quality of a sound system, and by determining the angular position of the sound source according to the present invention, the actual directions of sound system components are detected so that a full control is provided for the sound system over the sound propagation area.

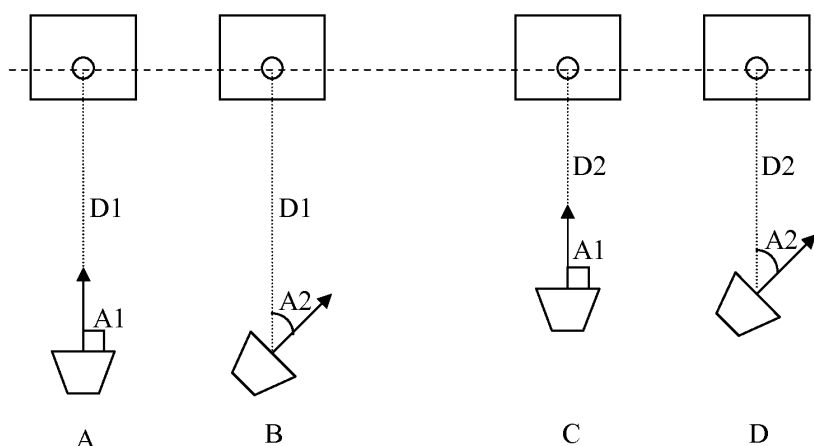


Figure – 2



EUROPEAN SEARCH REPORT

Application Number
EP 08 10 1407

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Place of search Munich		Date of completion of the search 19 January 2009	Examiner Righetti, Marco
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 08 10 1407

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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