

Title (en)  
Loudspeaker

Title (de)  
Lautsprecher

Title (fr)  
Haut-parleur

Publication  
**EP 2023651 B1 20111109 (DE)**

Application  
**EP 08012698 A 20080714**

Priority  

- DE 102007034552 A 20070721
- DE 102007036765 A 20070803
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Abstract (en)  
[origin: EP2023651A1] The method involves connecting a forward sound center (1) and a rearward sound center (2) at an exciting voltage by a phase shifter circuit (15). A rearward phase difference is shifted along a main beam direction of a loudspeaker by the circuit, where the rearward phase difference is associated with center (2). The phase difference of the center (2) and a forward phase difference in a bass are reduced, where the circuit strongly damps exciting voltage with high frequencies. A limiting frequency of the phase shifter circuit is selected, which is smaller than a larger value of specific quantity. An independent claim is also included for a loudspeaker comprising a forward sound center and a rearward sound center.

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN102714770A

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