

Title (en)  
DEVICE FOR CONTROLLING A SPEAKER AND ASSOCIATED SOUND PLAYBACK SYSTEM

Title (de)  
STEUERUNGSVORRICHTUNG EINES LAUTSPRECHERS UND ENTSPRECHENDE KLANGWIEDERGABEANLAGE

Title (fr)  
DISPOSITIF DE COMMANDE D'UN HAUT-PARLEUR ET INSTALLATION DE RESTITUTION SONORE ASSOCIÉE

Publication  
**EP 3637792 B1 20220406 (FR)**

Application  
**EP 19201631 A 20191007**

Priority  
FR 1859277 A 20181008

Abstract (en)  
[origin: CN111010651A] The invention relates to a loudspeaker control device and associated sound broadcasting equipment. The device (22) for controlling the loudspeakers in the sound box includes: a unit (36) for copying the desired dynamic signal (Sdyn) to obtain two identical desired dynamic signals (Sdyn1, Sdyn2); a first processing unit (38) configured to process a first desired dynamic signal (Sdyn1) to obtain a first processed signal (Sdyn1 ') whose frequency is less than or equal to a predetermined frequency; a second processing unit (40) configured to process a second desired dynamic signal (Sdyn2) to obtain a second processed signal (Sdyn2 ') whose frequency is strictly greater than the predetermined frequency; and a unit (42) for combining the first and second processed signals (Sdyn1 ', Sdyn2') to obtain the loudspeaker control signal (Scommande).

IPC 8 full level  
**H04R 3/00** (2006.01)

CPC (source: CN EP US)  
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Cited by  
FR3115176A1; WO2022079384A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3637792 A1 20200415**; **EP 3637792 B1 20220406**; CN 111010651 A 20200414; CN 111010651 B 20230224; DK 3637792 T3 20220607; FR 3087074 A1 20200410; FR 3087074 B1 20220225; US 10863262 B2 20201208; US 2020112784 A1 20200409

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