

Title (en)  
LOUDSPEAKER ASSEMBLY AND ELECTRONIC DEVICE

Title (de)  
LAUTSPRECHERANORDNUNG UND ELEKTRONISCHE VORRICHTUNG

Title (fr)  
ENSEMBLE HAUT-PARLEUR ET DISPOSITIF ÉLECTRONIQUE

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Application  
**EP 16894160 A 20160929**

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Abstract (en)  
[origin: EP3432600A1] Disclosed in the present invention are a loudspeaker assembly and an electronic device. The loudspeaker assembly comprises a loudspeaker front case, a loudspeaker oscillator, a loudspeaker rear case, a deformable flexible seal bag, and an inlet for filling medium into the flexible seal bag; wherein the loudspeaker oscillator and the loudspeaker front case form a front cavity, while the flexible seal bag, the loudspeaker rear case and the loudspeaker oscillator form a rear cavity. Along with filling of medium, the flexible seal bag in the loudspeaker assembly deforms along a remaining space in an electronic device and fills the remaining space to the full. A cavity of the flexible seal bag increases in size after being filled with the medium, and a rear cavity is formed by the cavity of the flexible seal bag, the loudspeaker rear case and loudspeaker oscillator, therefore a volume of the rear cavity is expanded, thereby improving work performances of the loudspeaker assembly. The electronic device disclosed in the present invention is provided with the above-described loudspeaker assembly.

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Citation (search report)  
• [IA] CN 203261380 U 20131030 - MA YURONG  
• [A] US 4868799 A 19890919 - MASSA DONALD P [US]  
• [A] GB 2245450 A 19920102 - CANON KK [JP]  
• [AD] CN 204761694 U 20151111 - UNIV ZHEJIANG  
• See references of WO 2017157001A1

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