

Title (en)

SOUND EMITTING DEVICE WITH AN EXPANDABLE EARPIECE

Title (de)

SCHALLEMISSIONSEINRICHTUNG MIT ERWEITERBAREM OHRELEMENT

Title (fr)

DISPOSITIF D'ÉMISSION DE SONS AVEC ÉCOUTEUR EXTENSIBLE

Publication

EP 2084935 B1 20140402 (EN)

Application

EP 06846979 A 20061122

Priority

EP 2006011161 W 20061122

Abstract (en)

[origin: WO2008061545A1] A sound emitting device (1 ;20;40) of the kind which is arrangeable at the ear of a user and which comprises an earpiece portion (4;23;42) which fits inside the ear canal of the user. The earpiece portion comprises an expandable portion (5;24;43) which upon expanding expands against the inside surface of the ear canal of the user. The sound emitting device further comprises a compressible element (7;25;45) which is filled with a fluid and which is connected to said expandable portion whereby fluid is transferred to said expandable portion causing it to expand upon compression of said compressible element. The sound emitting device further comprises a compression mechanism (6;26,27;46,49,50) for compressing the compressible element and which is adjustable by the user to adjust the amount which the compressible element is compressed. In this way, a simple and robust device is provided which is easy for the user to adjust. It is also easy to manufacture.

IPC 8 full level

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