

Title (en)  
Headphones without radiation

Title (de)  
Strahlungsarmer Kopfhörer

Title (fr)  
Casque d'écoute sans radiation

Publication  
**EP 1189481 B1 20050608 (DE)**

Application  
**EP 01122030 A 20010913**

Priority  
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Abstract (en)  
[origin: US2002066617A1] The invention relates to a low-radiation headphone with right and left acoustic irradiation housings corresponding to the ears of the user, with each of the housings having an acoustic baffle (10'') comprising MU-metal and accommodating dynamic audio transducers. The acoustic baffle (10'') is formed in a manner permeable to sound in front of the audio transducers, and has a radiation dissipation zone (20) pointing at the temples of the user. The zone (20) dissipating radiation is provided through a greater density of the MU-metal than in the remaining area of the acoustic baffle (10'') that is permeable to sound. The acoustic baffle (10'') as a whole consists of MU-metal sheet and the audio transducer is perforated in one area (17), but otherwise solid. The radiation dissipation zone (20) is formed in the perforated area of the MU-metal sheet as one piece.

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