

Title (en)  
ELECTRIC HEARING AID

Publication  
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Application  
**EP 83105876 A 19830615**

Priority  
DE 3224614 A 19820701

Abstract (en)  
[origin: CA1211831A] An exemplary embodiment comprises an acoustic signal pickup, amplification and reproduction sections wherein the latter contains a plurality of sound sources which influence a shared sound transmission arrangement collecting the sound, influencing it upon formation of a specific transfer characteristic. Given such hearing aids, the originally set frequency characteristic should also be maintained given the maximally attainable output level. To this end, the disclosure provides two identical sound sources, proceeding from which the generated sound is supplied to the ear with specific adaptation to a particular individual hearing loss. For example, the desired transfer characteristic is achieved by establishing selected differential transmission properties for the respective acoustic channels leading from the respective sound sources to the shared passage leading to the ear. An inventively improved hearing aid is particularly suitable for employment as a hearing prosthesis for hearing-impaired persons.

IPC 1-7  
**H04R 25/02**

IPC 8 full level  
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CPC (source: EP US)  
**H04R 1/225** (2013.01 - EP US); **H04R 1/227** (2013.01 - EP US); **H04R 25/48** (2013.01 - EP US); **H04R 2225/59** (2013.01 - EP US)

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