

Title (en)

METHOD OF MAKING A NEGATIVE HEARING AID MOLD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER NEGATIVFORM FÜR HÖRGERÄTE

Title (fr)

PROCEDES DE FABRICATION D'UN MOULE FEMELLE POUR PROTHESE AUDITIVE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005041617A1] A negative hearing aid mold (10) is made by first processing auditory canal (21) dimension measurement data representing internal dimensions of an auditory canal (21) to generate outside auditory canal dimension data that represents outside dimensions of the auditory canal (21). An impression (22) of the auditory canal (21) is taken from a wearer. The outside auditory canal dimension data is processed to generate outside mold data. A laser (26) is used to measure the dimensions of the impression (22). A negative hearing aid mold (10) is created from the outside mold data using a rapid prototyping such as stereo lithography machine (36). The negative hearing aid mold (10) has an inside surface representing the outside dimensions of the auditory canal (21) from the outside mold data. The negative hearing aid mold (10) is suitable for receipt of a soft solid such as silicone. The negative hearing aid mold is (10) used to make a soft solid hearing aid (16).

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Citation (search report)

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