

Title (en)

MATERIAL SYSTEM AND METHOD FOR PRODUCING PATIENT-SPECIFIC COMFORT EAR ADAPTERS FOR ACOUSTIC HEARING, AUDIO, AND HEARING PROTECTION INDUSTRY

Title (de)

MATERIALSYSTEM UND VERFAHREN ZUR FERTIGUNG VON PATIENTENINDIVIDUELLEN KOMFORT-OHRPASSTÜCKEN FÜR DIE HÖRAKUSTIK-, AUDIO UND GEHÖRSCHUTZBRANCHE

Title (fr)

SYSTÈME DE MATÉRIAU ET PROCÉDÉ DE FABRICATION D'ADAPTATEURS AURICULAIRES DE CONFORT SPÉCIFIQUES À CHAQUE PATIENT POUR LE SECTEUR DE L'AIDE AUDITIVE, LE SECTEUR AUDIO ET LA PROTECTION DE OREILLES

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Application

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Abstract (en)

[origin: WO2020016279A1] The invention relates to a molded body and a method for producing same using a radiation-induced printing method. The invention is characterized in that - the molded body is made of a liquid or viscous material which contains a starting component with cyclo-olefinic groups, a thiol with at least two thiol groups per molecule, and an initiator and/or catalyst for a light-induced thiol/en addition reaction between the thiol groups and a double bond of the cyclo-olefinic groups, and - the solidification is carried out in that light of a radiation source is directed towards a region of a surface of a substrate, wherein a layer of the liquid or viscous material located in said region undergoes an organic polymerization under the effect of radiation and is thereby solidified, and additional layers of the liquid or viscous material are solidified one after the other thereon using said radiation source, each additional layer being located on the layer of the previously solidified material.

IPC 8 full level

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Citation (search report)

See references of WO 2020016279A1

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