

Title (en)

APPLICATOR FOR IN PARTICULAR MANUALLY CONTROLLED APPLICATION OF A LIGHT-CURABLE COMPOSITE MATERIAL AND ARRANGEMENT OF A LIGHT SOURCE ON THE APPLICATOR

Title (de)

APPLIKATOR ZUM APPLIZIEREN EINES LICHTAUSHÄRTENDEN VERBUNDMATERIALS UND ANORDNUNG EINES LEUCHTMITTELS AN EINEM APPLIKATOR

Title (fr)

APPLICATEUR DESTINÉ À L'APPLICATION, EN PARTICULIER À COMMANDE MANUELLE, D'UN MATÉRIAU COMPOSITE PHOTO-DURCISSABLE, ET AGENCEMENT D'UN MOYEN D'ÉCLAIRAGE SUR L'APPLICATEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2014008894A2] The invention relates to an applicator (100) for in particular manually controlled application of a light-curable composite material contained in a reservoir (1), wherein the reservoir (1) is deformable at least in some areas and the light-curable composite material is present in the reservoir, and having an outlet opening (3.1) for the light-curable material and at least one light source for curing the light-curable material, wherein according to the invention the reservoir is resiliently compressible and the wall region thereof in the actuating region (16) has a reduced height (H) in the Z-direction and the wall region is compressible in a preferred direction (Z-direction). The at least one light source can be arranged on the applicator in such a manner that the LED-lamp, when actuated, shines toward the outlet opening (3.1). The invention further relates to the arrangement of at least one light source on the applicator (100), wherein according to the invention at least one light source is arranged in such a manner that the light of the light source, when the latter is actuated, shines toward the leading end of the applicator (100), casting light onto the emerging light-curable material.

IPC 8 full level

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Citation (search report)

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