

Title (en)

METHOD AND DEVICE FOR FUNCTIONALISING FUNCTIONALISING THE SURFACES OF ADHESIVE CLOSING PARTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR OBERFLÄCHENFUNKTIONALISIERUNG VON HAFTVERSCHLUSSTEILEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FONCTIONNALISER DES SURFACES D'ÉLÉMENTS DE FERMETURE AUTO-AGRIPPANTE

Publication

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Application

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Abstract (en)

[origin: WO2007147479A1] The invention relates to a method for functionalising the surfaces of adhesive closing parts which form, with correspondingly formed adhesive closing parts, an adhesive closure that can be repeatedly opened and closed. The surface energy of the adhesive closing part is modified by means of a proton and/or electron exchanging medium, especially in the form of donors or collectors, using high energy in such a way that the physicochemical properties of the material of the adhesive closing part can be adjusted without a coating and with ageing resistance, by the attachment of functional groups of the exchanging medium to the adhesive closing part material. The invention also relates to a device for carrying out one such method.

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