

Title (en)

PROCESS FOR CREATING ADHESION ELEMENTS ON A SUBSTRATE MATERIAL

Title (de)

VERFAHREN ZUM HERSTELLEN VON HAFTELEMENTEN AUF EINEM TRÄGERMATERIAL

Title (fr)

PROCEDE POUR REALISER DES ELEMENTS ADHESIFS SUR UN MATERIAU DE SUPPORT

Publication

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Application

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Abstract (en)

[origin: WO2005087033A1] The invention relates to a process for creating adhesion elements on a substrate material (10) using at least one plastics material which is introduced into at least one shaping element (12). By producing adhesion elements with flared ends which adhere primarily as a result of van der Waals forces, the excellent adhesion characteristics of a gecko's foot are achieved in a biomechanical model without having to separate the setae fibres as in nature.

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

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