Title (en)

METHOD AND DEVICE FOR DETERMINING ADHESIVE PERFORMANCE OF FLAT ADHESIVE PRODUCTS ON THE SKIN OF HUMANS OR MAMMALS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG DES KLEBEVERHALTENS VON HAFTKLEBENDEN FLÄCHENGEBILDEN AUF DER HAUT VON MENSCH ODER SÄUGETIER

Title (fr)

PROCEDE ET DISPOSITIF POUR DETERMINER LE COMPORTEMENT AU COLLAGE DE PRODUITS PLATS AUTOCOLLANTS SUR LA PEAU DE L'HOMME OU DES MAMMIFERES

Publication

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Application

EP 98919197 A 19980331

Priority

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Abstract (en)

[origin: DE19715747A1] The invention relates to a method for determining the adhesive performance of flat adhesive products such as medical adhesive tape and especially adhesive application systems such as transdermal therapeutic systems (TTS). The inventive method is characterized in that a flat adhesive product with an adhesive layer having a defined application weight per surface unit and a defined adhesive mass quality is stuck to an elastic carrier film having a defined thickness and elasticity at a predetermined temperature and given surface pressure. Said film is stretched like a membrane between two half shells of a test cell and the carrier film with the flat adhesive product stuck thereto undergoes periodically time-sequenced alternating elastic tensing and slackening according to defined stress loads starting from the side opposite to the flat adhesive product. Progressively occurring detachment of the adhesive layer per time unit is observed and qualitatively or quantitatively evaluated.

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IPC 8 full level

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