

Title (en)

Absorbent flat product, and process for its manufacture.

Title (de)

Saugfähiges Flächengebilde und Verfahren zu seiner Herstellung.

Title (fr)

Produit plat absorbant et procédé pour sa fabrication.

Publication

EP 0076888 A2 19830420 (DE)

Application

EP 82103019 A 19820408

Priority

DE 3140784 A 19811014

Abstract (en)

[origin: ES8400860A1] The present invention provides for an absorbent planar structure or so-called "sponge cloth" as well as for the method of making such a structure. The absorbent planar structure itself is permeated with pores and comprises a latex-bonded fiber material optionally reinforced with a woven or knit material, a layer of known foamed plastic, non-woven fabric or abrasive fleece. The method for making such a structure dispenses with conventional pore formers and is characterized by forming a foam of the latex and fiber materials by use of a suitable gaseous medium. The foam thus obtained, after homogeneous mixing, is applied to a substrate and the fiber-containing latex foam is then coagulated by heat action, resulting in an open-pore structure which is stabilized by subsequent drying and vulcanization.

Abstract (de)

Es wird ein mit Poren durchsetztes saugfähiges Flächengebilde, ein sogenanntes «Schwammtuch» vorgeschlagen. Das Schwammtuch besteht aus einem latexgebundenen Fasermaterial und enthält gegebenenfalls eine Verstärkungsschicht. Das Herstellungsverfahren verzichtet auf herkömmliche Porenbildner. Der Schaum wird mit Hilfe eines gasförmigen Mediums gebildet und durch Trocknen und durch Vulkanisation stabilisiert.

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US6261679B1; US5049439A; EP0557577A1; AU2002365500B2; KR100896851B1; US7947334B2; WO03045872A1; WO2016050901A1; US6603054B2; US6627670B2; US6900249B2

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