

Title (en)
SHOE SOLES DISPLAYING WATER ABSORBING PROPERTIES

Title (de)
SCHUHSOHLN MIT WASSERABSORBIERENDEN EIGENSCHAFTEN

Title (fr)
SEMELLES DE CHAUSSURE AVEC DES PROPRIÉTÉS ABSORBANT L'EAU

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Abstract (en)
[origin: WO2007135069A1] The present invention relates to a discontinuous method for producing a polyurethane foam consisting of a combination of (a) polyisocyanate having (b) at least one higher molecular bond with at least two reactive hydrogen atoms, (c) an optional low molecular chain extension and/or crosslinking product, (d) propellants containing water as an option, (e) catalysts, (f) a water absorbing polymer, (g) an optional latent heat storage device containing capsules, and (h) other optional additives, and the reaction mixture thus obtained is then converted into polyurethane foam, wherein said propellant (d) does not contain water or, if said propellant (d) does contain water, the propellant (d) and the water absorbing polymer (f) are first brought into contact when the reaction mixture is produced. In addition, the invention also relates to polyurethane foam obtained according to said method, as well as shoe soles containing said polyurethane foam.

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