

Title (en)

Method of regulating the thermal bonding process of synthetic fibre webs

Title (de)

Verfahren zur Regelung der thermischen Vliesverfestigung für Kunstfasern

Title (fr)

Méthode de réglage du procédé de thermoliage des produits non-tissés à base de fibres synthétiques

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0799922A1] A regulation method for regulating the thermobonding processes of synthetic fibre webs and the production processes of synthetic fibres for the preparation of nonwoven fibre fabrics having the desired strength properties. In the method according to the invention, fibres are made from a polymer, especially a polyolefin polymer, using melt spinning methods, and from these fibres, fibre fabric is made using thermal bonding methods. The central processing conditions of both the fibre and the fabric are adapted using the regulation method according to the invention and associated regulation model so that as a result of thermobonding, the desired nonwoven fabric is obtained having regulated strength properties.

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