

Title (en)
METHOD FOR MAKING CONSOLIDATED FIBRE FLEECES, AND CONSOLIDATED FIBRE FLEECES

Publication
EP 0259692 A3 19890906 (DE)

Application
EP 87112311 A 19870825

Priority
DE 3630392 A 19860906

Abstract (en)
[origin: US4818594A] Consolidated nonwoven fabrics and the process of producing theme is disclosed. The fabrics absorb water and substances with oleophilic and/or lipophilic properties. The inventive process includes blow-spinning a melt or a solution of a spinnable polymeric material to textile fibers and/or filaments, preferably having a diameter of 0.1 to 6 μm , more preferably 0.5 to 3 μm , transforming these textile fibers and/or filaments to a nonwoven fabric, consolidating this fabric and applying a wetting agent to the fabric. Consolidation is accomplished by means of water jets, then a zwitterionic or cationic surfactant is applied to the fabric in a wet-in-wet procedure during or immediately after the water-jet consolidation, and the fabric is dried; these procedures are performed continuously. A polyester or a polyamide is used preferentially as the polymeric material.

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IPC 8 full level
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