

Title (en)

Process for rapid dyeing of composite synthetic sheet material designed to imitate natural leather

Title (de)

Verfahren zur Schnelfärbung von zur Nachahmung von Echtleder geeignetem Mehrschicht-Synthetikmaterial

Title (fr)

Procédé de teinture rapide de matériaux composites synthétiques en feuille destinés à imiter du cuir naturel

Publication

EP 0567975 B1 20000726 (EN)

Application

EP 93106752 A 19930426

Priority

IT TO920367 A 19920428

Abstract (en)

[origin: EP0567975A1] A process for dyeing composite synthetic material having a porous polyurethane matrix and a fiber reinforcement (e.g. nonwoven fabric, polyamide, polyethylene or polyester fibers) embedded in the matrix, and from which to produce a sheet product similar to natural leather. The entire section of the material, consisting of the porous matrix and reinforcement, is treated with dyeing substances (hot-polymerizable plastic resins with a water or organic base, pigments, premetallized azoic dyes) by alternately winding the composite material, in strip form, on and off two opposed rollers and through a tank containing a bath of the dyeing substances in solution or emulsion form, so as to feed the strip of composite material reciprocatingly through the bath. The rollers and tank may be housed in a pressurized container for operating at temperatures of over 100 DEG C. <IMAGE>

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