

Title (en)

Method and apparatus for continuous treatment of textiles.

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Behandeln von Textilmaterialien.

Title (fr)

Procédé et appareil de traitement de matières textiles en continu.

Publication

**EP 0333964 A1 19890927 (EN)**

Application

**EP 88500030 A 19880323**

Priority

EP 88500030 A 19880323

Abstract (en)

The method is performed within a single chamber in the inside of which the fabric is continuously moved. The application of the treatment agents is performed by making use of "polyfunctional fluids" or instantaneous transit, violent reaction compounds, and each said fluids includes a component for contributing the chemical energy agents and a component for contributing the kinetic and thermal energies to draw the previous components onto the fabric and make them to react. Both components are carried in suitable fluids, and the process conditions are elected such that the resulting liquid product amounts are just the amounts suitable to carry the reagents to the desired depth in the fabric, and the energy levels enough to perform the application and the reactions without harm to the fabric. The apparatus comprises a single chamber having therein a series of return cylinders (7, 8) for conducting the fabric, and double action injectors (9) for the several fluids, arranged at the location of the said cylinders. The apparatus may comprise fabric input and output devices with seals to permit a superpressure to be created within the chamber; the output sealing device may be a hydraulic dam containing a bath that can be used for a final treatment of the fabric.

IPC 1-7

**D06B 1/02**; **D06B 23/16**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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CH DE GB IT LI NL

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DOCDB simple family (application)

**EP 88500030 A 19880323**; JP 24587088 A 19880929; KR 880012071 A 19880919