

Title (en)

JIG-TYPE TEXTILE FINISHING APPARATUS AND METHOD USING ELECTROMAGNETIC WAVES

Title (de)

VERFAHREN UND VORRICHTUNG FÜR TEXTILVEREDELUNG VOM TYPE JIGGER UNTER ANWENDUNG VON ELEKTROMAGNETISCHEN WELLEN

Title (fr)

PROCEDE ET APPAREIL D'ENNOBLISSEMENT TEXTILE, DU TYPE JIGGER, METTANT EN OUVRE DES ONDES ELECTROMAGNETIQUES

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Application

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Abstract (en)

[origin: US5758376A] PCT No. PCT/FR95/01273 Sec. 371 Date May 24, 1996 Sec. 102(e) Date May 24, 1996 PCT Filed Sep. 29, 1995 PCT Pub. No. WO96/10111 PCT Pub. Date Apr. 4, 1996In the jig type textile finishing method and apparatus of the invention, the textile material (19) passes through a heated treatment bath (20) and is rolled alternately in one direction and in the opposite direction with high frequency or microwave electromagnetic waves (24) being applied to said textile material (19) while it is being rolled in and/or out. The power of the waves is determined, as a function of the optimum temperature for the reaction that is to be implemented, in such a manner as to maintain the temperature of the assembly (5, 6) constituted by the rolled-in textile material and the bath in which it is impregnated substantially equal to or greater than said optimum temperature.

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