

Title (en)  
CONTINUOUS TEXTILE TREATING METHOD AND INSTALLATION THEREFOR

Title (de)  
KONTINUIERLICHES VERFAHREN ZUR BEHANDLUNG VON TEXTILIEN UND ANLAGE DAFÜR

Title (fr)  
PROCEDE D' ENNOBLISSEMENT TEXTILE A LA CONTINUE ET INSTALLATION METTANT EN OEUVRE LEDIT PROCEDE

Publication  
**EP 1831446 B1 20140709 (FR)**

Application  
**EP 05823019 A 20051129**

Priority  
• FR 2005002959 W 20051129  
• FR 0412685 A 20041130

Abstract (en)  
[origin: FR2878536A1] The procedure consists of placing the textile material to be finished inside a chamber with treatment agents, applying microwave radiation at atmospheric pressure, putting the material inside the chamber in contact with a surface that can be heated, and extracting water vapour from the chamber during the whole treatment process. The procedure consists of placing the textile material to be finished inside a chamber with treatment agents, applying microwave radiation at atmospheric pressure, putting the material inside the chamber in contact with a surface that can be heated, and extracting water vapour from the chamber during the whole treatment process. The treatment agents are applied by impregnating the textile material in a bath of necessary reagents and then wringing it out to leave a content of 40-200%. The microwave radiation is applied at a power of 0.8-3 kWh per kg of material, which spends 60-240 seconds inside the chamber, while the contact surface is heated to 40-210 [deg]C. An independent claim is also included for a treatment apparatus.

IPC 8 full level  
**D06B 19/00** (2006.01)

CPC (source: EP KR US)  
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