

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 A1 20070912 (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)

D06B 19/007 (2013.01 - EP US); **D06M 10/003** (2013.01 - KR); **D06M 10/10** (2013.01 - KR)

Citation (search report)

See references of WO 2006058990A1

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