

Title (en)
Filter material with adjustable wettability and process for its manufacture

Title (de)
Filtermaterial mit einstellbarer Benetzbarkeit und Verfahren zu seiner Herstellung

Title (fr)
Matière filtrante avec mouillabilité réglable et son procédé de fabrication

Publication
EP 0943731 A1 19990922 (DE)

Application
EP 98105114 A 19980320

Priority
EP 98105114 A 19980320

Abstract (en)
A filter material which is impregnated with an amphiphilic substance or with a hydrophilic substance and a hydrophobic substance in order to control its wettability with water and its water absorbency. Independent claims are also included for (a) tea bags made with this filter material; (b) a process for the production of filter material in which the material is treated with substance(s) as above to control its wettability and water absorbency.

Abstract (de)
Beschrieben wird ein Filtermaterial, z.B. ein aus Naturfasern und/oder synthetischen Fasern bestehendes Papier, welches dadurch gekennzeichnet ist, daß es zur Steuerung der Wasserbenetzbarkeit und Wasseraufnahmefähigkeit mit einer amphiphilen Substanz, z.B. Carboxymethylcellulose (CMC), oder mit einer hydrophilen und einer hydrophoben Substanz, z.B. Polyethylenenglykole (PEG) und Polyethylen (PE), imprägniert ist oder diese Substanzen enthält.

IPC 1-7
D21H 27/08; B65D 81/00; B01D 39/16

IPC 8 full level
B65D 81/00 (2006.01); **B65D 85/804** (2006.01); **D21H 27/08** (2006.01)

CPC (source: EP)
B65D 85/804 (2013.01); **D21H 27/08** (2013.01)

Citation (search report)

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