

Title (en)
Polyolefincontaining wipes

Title (de)
Polyolefinhaltige Wischtücher

Title (fr)
Chiffons au polyoléfine

Publication
EP 1589145 A1 20051026 (DE)

Application
EP 05008304 A 20050415

Priority
DE 102004020083 A 20040424

Abstract (en)
New wipes (I) are obtained by permanent hydrophilization of polyolefin-containing materials with a hydrophilic additive, then impregnating a non-woven prepared from the material with a spinning preparation, aqueous solution and/or aqueous emulsion. Independent claims are included for: (1) the preparation of (I) by the above procedure; and (2) the use of permanently hydrophilized polyolefin materials for preparing impregnated wipes.

Abstract (de)
Vorgeschlagen werden Wischtücher, erhältlich durch permanente Hydrophilierung Polyolefine enthaltender Materialien mit einem Hydrophileadditiv und nachfolgende Imprägnierung der daraus hergestellten Vliese mit Spinnpräparationen und/oder wässrigen Lösungen und/oder Emulsionen. Desweiteren wird die Verwendung permanent hydrophiler polyolefinhaltiger Materialien zur Herstellung von Wischtüchern sowie das entsprechende Verfahren zur Herstellung beschrieben.

IPC 1-7
D06M 13/17; **D06M 13/144**; **D06M 13/224**; **D06M 13/217**; **A47L 13/16**; **A47L 13/17**; **D01F 1/10**; **D01F 6/04**; **D01F 6/06**; **D01F 6/46**

IPC 8 full level
A47L 13/16 (2006.01); **A47L 13/17** (2006.01); **D01F 1/10** (2006.01); **D01F 6/04** (2006.01); **D01F 6/06** (2006.01); **D01F 6/46** (2006.01); **D06M 13/144** (2006.01); **D06M 13/17** (2006.01); **D06M 13/217** (2006.01); **D06M 13/224** (2006.01)

CPC (source: EP US)
D06M 13/144 (2013.01 - EP US); **D06M 13/17** (2013.01 - EP US); **D06M 13/217** (2013.01 - EP US); **D06M 13/224** (2013.01 - EP US); **Y10T 442/2484** (2015.04 - EP US); **Y10T 442/291** (2015.04 - EP US); **Y10T 442/60** (2015.04 - EP US)

Citation (search report)

- [DX] WO 02092891 A1 20021121 - COGNIS DEUTSCHLAND GMBH [DE], et al
- [PX] WO 2004052985 A1 20040624 - COROVIN GMBH [DE], et al
- [A] WO 03068856 A1 20030821 - COGNIS DEUTSCHLAND GMBH [DE], et al
- [X] DE 19645380 A1 19980507 - SCHILL & SEILACHER [DE]

Cited by
EP1794360A4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1589145 A1 20051026; DE 102004020083 A1 20051117; US 2005250402 A1 20051110

DOCDB simple family (application)
EP 05008304 A 20050415; DE 102004020083 A 20040424; US 11355805 A 20050425