

Title (en)  
Cleaning articles, substrates therefor, and method of substrate manufacture

Title (de)  
Reinigungsartikel, Substrat dafür und sein Herstellungsverfahren

Title (fr)  
Produits de nettoyage, substrat à cet effet, et procédé de sa fabrication

Publication  
**EP 0750063 B1 19991027 (EN)**

Application  
**EP 95304447 A 19950623**

Priority  
EP 95304447 A 19950623

Abstract (en)  
[origin: EP0750063A1] A non-woven, fibrous substrate is described for use in a cleaning article such as a wet wipe. The substrate has a toughness of less than 0.6 Nm, and comprises a proportion of long fibres, typically at least 2 or 3cm in length, which are capable of protruding from the surface of the substrate as a result of rubbing which takes place when the substrate is used for cleaning, whilst remaining attached to the substrate. The substrate is preferably made by hydroentangling using low power jets of water. <IMAGE>

IPC 1-7  
**D04H 1/46**

IPC 8 full level  
**A47K 7/00** (2006.01); **A47L 13/16** (2006.01); **A47L 17/00** (2006.01); **A47L 25/00** (2006.01); **A61K 8/00** (2006.01); **A61K 8/64** (2006.01); **A61K 8/88** (2006.01); **A61K 8/89** (2006.01); **A61K 8/91** (2006.01); **A61Q 19/10** (2006.01); **C08L 83/04** (2006.01); **D04H 1/4258** (2012.01); **D04H 1/4266** (2012.01); **D04H 1/4291** (2012.01); **D04H 1/435** (2012.01); **D04H 1/492** (2012.01); **D04H 1/74** (2006.01); **D04H 18/04** (2012.01)

CPC (source: EP KR)  
**D04H 1/4258** (2013.01 - EP); **D04H 1/4266** (2013.01 - EP); **D04H 1/4291** (2013.01 - EP); **D04H 1/435** (2013.01 - EP); **D04H 1/492** (2013.01 - EP KR); **D04H 1/74** (2013.01 - EP); **D04H 1/76** (2013.01 - KR); **D04H 18/04** (2013.01 - EP)

Cited by  
US5895623A; EP1167605A1; EP1211342A1; EP1167510A1; EP1005845A1; US6340663B1; US7592019B2; US6753063B1; WO0141622A2; US10617576B2; WO2004020725A1; US6716805B1; EP2256182A2; WO0032143A1; WO0141622A3; WO0200084A3; US11753603B2; US11959045B2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0750063 A1 19961227**; **EP 0750063 B1 19991027**; AT E180519 T1 19990615; AT E186085 T1 19991115; AU 6268296 A 19970122; CA 2225147 A1 19970109; DE 69509879 D1 19990701; DE 69509879 T2 19991202; DE 69513013 D1 19991202; DE 69513013 T2 20000420; ES 2131742 T3 19990801; ES 2137457 T3 19991216; JP H11508256 A 19990721; KR 100266487 B1 20001002; KR 19990028346 A 19990415; MX 9800108 A 19981130; WO 9700988 A1 19970109

DOCDB simple family (application)  
**EP 95304447 A 19950623**; AT 95118292 T 19951121; AT 95304447 T 19950623; AU 6268296 A 19960607; CA 2225147 A 19960607; DE 69509879 T 19951121; DE 69513013 T 19950623; ES 95118292 T 19951121; ES 95304447 T 19950623; JP 50386697 A 19960607; KR 19970709661 A 19971223; MX 9800108 A 19980107; US 9609863 W 19960607