

Title (en)

FIBER PROCESSING AGENT AND FIBER PROCESSED WITH THE FIBER PROCESSING AGENT

Title (de)

FASERVERARBEITUNGSMITTEL UND DAMIT VERARBEITETE FASER

Title (fr)

AGENT DE TRAITEMENT DE FIBRE ET FIBRE TRAITEE AVEC CET AGENT DE TRAITEMENT DE FIBRE

Publication

EP 1541748 A4 20080220 (EN)

Application

EP 03741236 A 20030707

Priority

- JP 0308591 W 20030707
- JP 2002196880 A 20020705

Abstract (en)

[origin: EP1541748A1] The present invention provides a fiber processing agent used for processing a surface of a fiber, and the fiber processing agent contains a soluble eggshell membrane and a reactive organic compound having a reactive group. With the fiber processed with the fiber processing agent having the composition as described above, even when the fiber is used for a long period of time, the eggshell membrane is not removed therefrom and the properties provided by the eggshell membrane can be maintained, so that the fiber has excellent durability and can continuously provide the moisture retention, water-absorbing property, moisture-absorbing property, antistatic property, and wound-treating property.

IPC 1-7

D06M 15/15; **D06M 15/263**

IPC 8 full level

D06M 15/15 (2006.01); **D06M 15/263** (2006.01)

CPC (source: EP US)

D06M 15/15 (2013.01 - EP US); **D06M 15/263** (2013.01 - EP US); **D06M 2200/00** (2013.01 - EP US)

Citation (search report)

- [YD] JP H07246234 A 19950926 - Q P CORP
- [Y] JP H06158545 A 19940607 - KANEBO LTD, et al
- [Y] JP H07300770 A 19951114 - KOMATSU SEIREN CO
- See references of WO 2004005607A1

Cited by

CN1303282C

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1541748 A1 20050615; **EP 1541748 A4 20080220**; AU 2003281313 A1 20040123; CN 100402735 C 20080716; CN 1665979 A 20050907; US 2005246840 A1 20051110; WO 2004005607 A1 20040115

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