Title (en)
DYEING AND FINISHING OF LYOCELL FABRICS

Title (de)
FÄRBUNG UND VEREDLUNG VON LYOCELL ENTHALTENDEN GEWEBEN

Title (fr)
TEINTURE ET FINISSAGE DE FIBRES LYOCELL

Publication
EP 1404917 B1 20070110 (EN)

Application
EP 02727785 A 20020614

Priority
• GB 0202682 W 20020614
• GB 0114605 A 20010615
• GB 0201067 A 20020117

Abstract (en)
[origin: WO02103104A2] A process for producing a dyed and finished lyocell fabric having a clean, soft-touch finish by carrying out the steps of dyeing, washing and drying a lyocell fabric using vigorous action such as by jet dyeing or rotary tumbling on the fabric in at least one of the steps so as to produce fibrillation on the surface of the fabric, is characterised in that, before the dyeing step is carried out, the fabric is evenly impregnated with an aqueous solution of an acid or acid donor and is then heat treated in a gaseous atmosphere to activate the action of the acid or acid donor. The dyed and finished fabric has a clean, soft-touch finish substantially free from visible crease marks normally produced on lyocell fabrics which have been subjected to vigorous action in dyeing and/or finishing.

IPC 8 full level
D06M 11/155 (2006.01); D06M 11/84 (2006.01); D06M 13/184 (2006.01); D06M 13/207 (2006.01); D06P 1/653 (2006.01); D06P 1/673 (2006.01); D06P 3/60 (2006.01); D06P 5/20 (2006.01)

CPC (source: EP KR)
D06M 11/155 (2013.01 - EP KR); D06M 11/84 (2013.01 - EP); D06M 13/184 (2013.01 - EP); D06M 13/207 (2013.01 - EP); D06P 1/653 (2013.01 - EP); D06P 1/673 (2013.01 - EP); D06P 3/60 (2013.01 - EP)

Cited by
CN102634895A

Designated contracting state (EPC)
AT BE ES TR

DOCDB simple family (publication)
WO 02103104 A2 20021227; **WO 02103104 A3 20031127**; AU 2002257982 A1 20030102; BR 0210382 A 20040810; CN 1272499 C 20060830; CN 1516766 A 20040728; EP 1404917 A2 20040407; EP 1404917 B1 20070110; ES 2279866 T3 20070901; KR 20040011534 A 20040205; TW I237671 B 20050811

DOCDB simple family (application)
GB 0202682 W 20020614; AU 2002257982 A 20020614; BR 0210382 A 20020614; CN 02811976 A 20020614; EP 02727785 A 20020614; ES 02727785 T 20020614; KR 20037016108 A 20031209; TW 91112873 A 20020613