Title: MODIFIED CELLULOSIC MATERIALS

Abstract: The invention provides a process for aminooxylation of cellulose materials such as cotton and reconstituted fibres and a process for treating the aminoxylated cellulose with an effect chemical such as a dyes, flame retardant or cross linking agent. Improved take up of the effect chemical by the modified cellulose means increased efficiency in the process and in the case of dyeing, avoids or reduces the washing off of hydrolysed dye and the resultant production of large volumes of contaminated water requiring to be treated. The cellulose material may be present in a blend with other types of fibre for example a blend with poly(alkyeneteraphthalates) or polyamides.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

INV. D06M13/35 D06P3/66 D06P5/22
ADD. D06M101/06

According to International Patent Classification (IPC) or to both national classification and IPC.

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
D06P D06M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category* Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

XJP 09 195181 A (SUMITOMO CHEMICAL CO)
29 July 1997 (1997-07-29)
abstract
1, 4-6, 9-14, 23-28

XXU J ET AL: "Functional isation of
lyocell. Part 1: Amination of lyocell with
m-phenylenediaminesulphonyl acid
derivatives"
COLORATION TECHNOLOGY, SOCIETY OF DYERS &
COLOURISTS, BRADFORD, GB,
vol. 122, no. 1,
1 January 2006 (2006-01-01), pages 37-44,
XP001522190
ISSN: 1472-3581
cited in the application
the whole document

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

'A' document defining the general state of the art which is not considered to be of particular relevance
'E' earlier document but published on or after the international filing date
'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
'O' document referring to an oral disclosure, use, exhibition or other means
'P' document published prior to the international filing date but later than the priority date claimed
'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
'Y' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
'V' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
'S' document member of the same patent family

Date of the actual completion of the international search

13 October 2009

Date of mailing of the International search report

21/10/2009

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Fax: (+31-70) 340-3016

Bi as, Valerie
<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tbody>
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<td>P, X</td>
<td>WO 2008/154671 A (CHEMIEFASSER LENZING AG [AT]; RENFREW ANDREW HUNTER MORRIS [GB]; TAYLOR) 24 December 2008 (2008-12-24) page 1, paragraph 1 page 3; compounds (II), (IV), (VII) page 5 - paragraph 5; claims</td>
<td>1,4-6, 10-18, 22-28</td>
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<tr>
<td>Patent document cited in search report</td>
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<tr>
<td>JP 9195181 A</td>
<td>29-07-1997</td>
<td>NONE</td>
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<td>WO 2008154671 A</td>
<td>24-12-2008</td>
<td>AT 505504 A1</td>
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