

Title (en)
INDIVIDUALIZED, CROSSLINKED FIBERS AND PROCESS FOR MAKING SAID FIBERS

Publication
EP 0251676 A3 19881221 (EN)

Application
EP 87305616 A 19870624

Priority
US 87967186 A 19860627

Abstract (en)
[origin: EP0251676A2] Individualized, crosslinked fiber, and process for making such fibers. The individualized, crosslinked fibers have between about 0.5 mole % and about 3.5 mole % crosslinking agent, calculated on a cellulose anhydroglucose molar basis, reacted with fibers in the form of intrafiber crosslink bonds, wherein the crosslinking agent is selected from the group consisting of C2 - C8 dialdehydes, C2 - C8 dialdehyde acid analogues having at least one aldehyde functionality, and oligomers of such C2 - C8 dialdehydes, and dialdehyde acid analogues. Preferably, the crosslinking agent is glutaraldehyde, and between about 0.75 mole % and about 2.5 mole % crosslinking agent react to form the intrafiber crosslink bonds. The individualized crosslinked fibers are useful in a variety of absorbent sturcture applications.

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IPC 8 full level
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CPC (source: EP KR)
D01F 8/00 (2013.01 - KR); **D06M 13/12** (2013.01 - EP)

Citation (search report)
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