

Title (en)

PROCESS FOR THE PRODUCTION OF MULTICOMPONENT FIBERS COMPRISING A DISSOLVABLE STARCH COMPONENT

Title (de)

VERFAHREN ZUR HERSTELLUNG VON MEHRKOMPONENTENFASERN MIT LÖSLICHEM STÄRKEBESTANDTEIL

Title (fr)

PROCEDE DE PRODUCTION DE FIBRES A COMPOSANT MULTIPLES COMPORTANT UN COMPOSANT D'AMIDON SOLUBLE

Publication

**EP 1563129 A1 20050817 (EN)**

Application

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Priority

US 0236593 W 20021114

Abstract (en)

[origin: WO2004044288A1] A melt spinnable fiber is provided that comprises a first component comprising a thermoplastic polymer, and a second component comprising thermoplastic starch where the second component is not encompassed by another component or components or if encompassed by another component or components then the second component encompasses a hollow core. A particular use of such a fiber is for removal of the second component in the presence of a solvent in order to produce fibers with desired properties. An agent may be present in the second component for controlling the rate of removal of the second component thereby allowing for physical manipulation of the fiber prior to complete removal of the component. The invention is also directed to nonwoven webs and disposable articles comprising the fibers.

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IPC 8 full level

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