

Title (en)

EXTENSIBLE FIBERS AND NONWOVENS MADE FROM LARGE DENIER SPLITTABLE FIBERS

Title (de)

DEHNBARE FASERN UND VLIESTOFFE HERGESTELLT AUS SPALTBAREN HOCHDENIER-FASERN

Title (fr)

FIBRES ET NONTISSES EXTENSIBLES FABRIQUES A PARTIR DE FIBRES SEPARABLES A GRAND DENIER

Publication

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Application

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Abstract (en)

[origin: WO02075028A1] The present invention provides fibers (e.g. for nonwovens) that have high elongation to break at moderate to low fiber diameters. This is accomplished by spinning splittable multicomponent fibers under appropriate conditions to produce large diameter, low orientation fibers which can then be split into smaller segments that maintain the properties of the parent fiber. Thus, fibers are produced having elongations significantly higher than if a fiber of that same size had been spun directly.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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