

Title (en)

PROCESS FOR PREPARING BICOMPONENT FIBERS COMPRISING POLY(TRIMETHYLENE TEREPHTHALATE)

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ZWEIKOMPONENTENFASERN MIT POLY(TRIMETHYLENTEREPHTHALAT)

Title (fr)

PROCÉDÉ DE PRÉPARATION DE FIBRES À DEUX COMPOSANTS COMPRENANT UN POLY(TÉRÉPHTALATE DE TRIMÉTHYLÈNE)

Publication

EP 2780496 A2 20140924 (EN)

Application

EP 12791385 A 20121112

Priority

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- US 2012064662 W 20121112

Abstract (en)

[origin: WO2013074453A2] Disclosed is a process for preparing crimpable bicomponent fibers from two poly(trimethylene terephthalate) starting materials that differ from one another in intrinsic viscosity. One starting material is characterized by an intrinsic viscosity ≤ 0.7 dL/g. The relatively low intrinsic viscosity allows the employment of a low melt temperature, with concomitant reduction in the evolution of acrolein, and without significant degradation in the properties or processibility of the bicomponent fiber.

IPC 8 full level

B29C 48/05 (2019.01); **B29C 48/91** (2019.01); **D01D 1/09** (2006.01); **D01D 5/22** (2006.01); **D01F 8/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013074453A2

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