

Title (en)

Spliceable fibres with built-in break points, use thereof and device for their production

Title (de)

Spleißfähige Fasern mit Sollbruchstellen, deren Verwendung und Vorrichtung zu deren Herstellung

Title (fr)

Fibres pouvant être assemblées dotées de points de rupture, leur utilisation et leur dispositif de fabrication

Publication

EP 1959036 B1 20091104 (DE)

Application

EP 08002085 A 20080205

Priority

DE 102007006758 A 20070212

Abstract (en)

[origin: EP1959036A1] The splice fibers comprise a pre-determined breaking point and two incompatible polymer components. A polymer component (A) has smaller weight proportion than another polymer component. The polymer component having the smaller weight proportion is arranged at or in the pre-determined breaking point. The predetermined breaking point is filled completely or partly by the polymer component having smaller weight proportion. The splice fibers are formed as tubular fibers or filaments with predetermined breaking point in a ring or frame. An independent claim is also included for a device for manufacturing splice fibers.

IPC 8 full level

D01F 8/04 (2006.01); **B29C 48/32** (2019.01); **D01D 5/253** (2006.01); **D01D 5/30** (2006.01)

CPC (source: EP KR US)

D01D 4/02 (2013.01 - EP US); **D01D 5/24** (2013.01 - EP KR US); **D01D 5/253** (2013.01 - EP KR US); **D01D 5/30** (2013.01 - EP KR US); **D01F 8/04** (2013.01 - EP US); **Y10T 428/2929** (2015.01 - EP US); **Y10T 442/609** (2015.04 - EP US)

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DOCDB simple family (publication)

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