

Title (en)
Method and apparatus for producing polymer fibers and fabrics including multiple polymer components in a closed system

Title (de)
Verfahren und Vorrichtung zur Herstellung von Polymerfasern und Gewebe mit mehrfachen Polymerkomponenten in einem geschlossenen System

Title (fr)
Procédé et appareil pour produire des fibres et tissus polymères comprenant des composés en polymère multiple dans un système fermé

Publication
EP 1959034 B1 20140402 (EN)

Application
EP 07003306 A 20070216

Priority
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Abstract (en)
[origin: EP1959034A1] A closed fiber spinning system includes a spin beam assembly including a plurality of polymer distribution manifolds to independently deliver different polymer component fluid streams to a spin pack and independently maintain those fluid streams at different temperatures. The spin beam assembly in combination with the closed spinning system facilitates the production of a wide variety of multiple polymer component fiber and fabric products having a desired denier and degree of uniformity.

IPC 8 full level
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CPC (source: EP KR)
D01D 5/08 (2013.01 - KR); **D01D 5/30** (2013.01 - EP KR); **D01D 13/02** (2013.01 - EP); **D01F 6/00** (2013.01 - KR); **D01F 8/04** (2013.01 - KR)

Cited by
CN102925992A; CN109056085A; CN111194363A; EP3382082A1; CN108708078A; US11913151B2; WO2014104955A1; EP3521496B1; US11591728B2

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