

Title (en)
Method for producing a multifilament yarn

Title (de)
Verfahren zur Herstellung eines multifilen Fadens

Title (fr)
Procédé de fabrication d'un fil multifilament

Publication
EP 0726338 B1 20011128 (DE)

Application
EP 96100162 A 19960108

Priority
DE 19504422 A 19950210

Abstract (en)
[origin: EP0726338A2] Thermoplastic multi-filament yarn is melt spun at speeds above 2000 m/min. to produce partially oriented yarn which is then immediately drawn between rollers to produce drawn yarn of the required denier and extensibility. Additional heat is supplied at the spinneret and/or immediately after exit from the spinneret and throughput; wind-up speed and draw ratios are adjusted to give the required yarn properties. Also claimed is the corresponding process where partially oriented yarn is wound up on a bobbin and drawn after unwinding in a separate stage.

IPC 1-7
D01D 4/02; **D01D 5/08**; **D01D 10/02**

IPC 8 full level
D01D 4/02 (2006.01); **D01D 5/08** (2006.01); **D01D 5/084** (2006.01); **D01D 5/16** (2006.01); **D01D 10/02** (2006.01); **D02J 1/22** (2006.01)

CPC (source: EP KR US)
D01D 5/084 (2013.01 - EP US); **D01D 5/098** (2013.01 - KR); **D01D 5/16** (2013.01 - EP US); **D02J 1/22** (2013.01 - EP US)

Cited by
CN105821498A; US5928587A; CN103114365A; CN103556241A; US6129882A

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CH DE ES FR GB IT LI

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EP 0726338 A2 19960814; **EP 0726338 A3 19961106**; **EP 0726338 B1 20011128**; CN 1136093 A 19961120; CN 1185374 C 20050119; DE 59608283 D1 20020110; KR 100426837 B1 20040618; KR 960031662 A 19960917; TW 380174 B 20000121; US 5661880 A 19970902

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EP 96100162 A 19960108; CN 96101385 A 19960208; DE 59608283 T 19960108; KR 19960003255 A 19960210; TW 85101688 A 19960210; US 59883996 A 19960209