

Title (en)

PROCESS FOR PRODUCING COMPOSITE MONOFILAMENTS

Publication

**EP 0132110 A3 19850605 (EN)**

Application

**EP 84304721 A 19840711**

Priority

JP 12866683 A 19830714

Abstract (en)

[origin: EP0132110A2] A process for producing a composite monofilament of sheath-and-core type having heat-adhesive properties, superior strengths, no curl and no peeling of the composite components is provided, which process comprises subjecting a low melting polyolefin selected from high density polyethylene, linear chain, low density polyethylene, polypropylene (PP) of m.p. 135 DEG C or lower, or mixture thereof, and a high melting PP of m.p. 150 DEG C or higher, to a sheath-and-core type composite spinning using the former resin as the sheath component and the latter resin as the core component, into a composite monofilament, the melt flow index ratio of the former component to the latter being 1.5 SIMILAR 7, and the composite ratio being 30 : 70 to 60 : 40; and stretching the composite filament to 6 SIMILAR 9 times.

IPC 1-7

**D01F 8/06**

IPC 8 full level

**D01D 5/30** (2006.01); **D01F 8/06** (2006.01); **D06C 7/00** (2006.01)

CPC (source: EP KR)

**D01D 5/30** (2013.01 - KR); **D01F 8/06** (2013.01 - EP)

Citation (search report)

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- [Y] DE 2358484 A1 19740612 - CHISSO CORP
- [A] US 4211819 A 19800708 - INADOMI SEIGO [JP], et al
- [Y] PATENTS ABSTRACTS OF JAPAN, vol.2, no.122 page 2429 C 78, 13-10-1978 & JP-A 53 86 836 (CHISSO K.K.) (31-07-1978)

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DOCDB simple family (application)

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