

Title (en)

Process for producing composite monofilaments.

Title (de)

Verfahren zur Herstellung von Verbundfäden.

Title (fr)

Procédé pour la production de monofilaments composites.

Publication

EP 0132110 A2 19850123 (EN)

Application

EP 84304721 A 19840711

Priority

JP 12866683 A 19830714

Abstract (en)

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

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CPC (source: EP KR)

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Cited by

CN114150411A; EP0260607A3; EP0311860A3; EP0340763A1; US5456982A; EP0339410A1; US5116524A; US6878650B2; WO8910989A1; WO2019119736A1; WO8910394A1

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