

Title (en)

Fire retardant composite fibres and process for producing them.

Title (de)

Flammhemmende zusammengesetzte Fasern und Verfahren zur Herstellung derselben.

Title (fr)

Fibres composites retardant la flamme et procédé pour leur fabrication.

Publication

**EP 0089113 A2 19830921 (EN)**

Application

**EP 83300640 A 19830209**

Priority

JP 3916782 A 19820312

Abstract (en)

A process for producing polyolefin composite fibres of fine deniers having superior fire retardant and heat adhesive properties with good spinnability, and such polyolefin composite fibres are provided wherein a fire retardant or retardants having a decomposition temperature higher by 100 DEG C or more, than the respective melting points of the higher and lower melting components of the composite fibres and also having a particle size of 62 microns or less, are contained in the respective components in 3 to 15% by weight and the total amount of the fire retardant(s) in the whole of the fibres is 5 to 10% by weight.

IPC 1-7

**D01F 8/06**; **D01F 1/10**

IPC 8 full level

**D01F 1/07** (2006.01); **D01F 8/06** (2006.01)

CPC (source: EP KR)

**D01F 1/07** (2013.01 - EP); **D01F 8/06** (2013.01 - EP KR)

Cited by

EP1472393A4; GB2268069A; GB2268069B; EP2826895A1; US8353344B2; US8596361B2; US6878650B2; US8281857B2

Designated contracting state (EPC)

DE GB SE

DOCDB simple family (publication)

**EP 0089113 A2 19830921**; **EP 0089113 A3 19850605**; **EP 0089113 B1 19870513**; AU 1242483 A 19830915; AU 555246 B2 19860918; DE 3371545 D1 19870619; DK 155803 B 19890516; DK 155803 C 19891009; DK 89583 A 19830913; DK 89583 D0 19830225; FI 75875 B 19880429; FI 75875 C 19880808; FI 830779 A0 19830309; FI 830779 L 19830913; JP S58156019 A 19830916; KR 840004191 A 19841010; KR 880000376 B1 19880320

DOCDB simple family (application)

**EP 83300640 A 19830209**; AU 1242483 A 19830311; DE 3371545 T 19830209; DK 89583 A 19830225; FI 830779 A 19830309; JP 3916782 A 19820312; KR 830000980 A 19830311