

Title (en)
HOLLOW TRILOBAL CROSS SECTION FIBER.

Title (de)
TRILOBALE HOHLFASER.

Title (fr)
FIBRE CREUSE A SECTION TRILOBEE.

Publication
EP 0625219 A1 19941123 (EN)

Application
EP 94901939 A 19931202

Priority
• EP 9303375 W 19931202
• US 98664792 A 19921208

Abstract (en)
[origin: WO9413869A1] A trilobal synthetic polymeric thermoplastic fiber has a single void extending approximately axially central, a total cross-sectional void area between about 10 and 20 percent void, a modification ratio between about 2 and about 6, and an arm angle between about 5 DEG and about 50 DEG .

Abstract (fr)
Une fibre thermoplastique synthétique trilobée présente un vide unique qui s'étend axialement en son centre, une aire de vide transversale totale d'environ 10 à 20 % de vide, un rapport de modification d'environ 2 à 6, et un angle de bras d'environ 5° à 50°.

IPC 1-7
D01D 5/24; **D01D 5/253**

IPC 8 full level
D01F 6/60 (2006.01); **D01D 5/24** (2006.01); **D01D 5/253** (2006.01)

CPC (source: EP)
D01D 5/24 (2013.01); **D01D 5/253** (2013.01)

Citation (search report)
See references of WO 9413869A1

Citation (examination)
• EP-A- 0 516 119
• GB-A- 1 160 263
• JP-A- 5 287 632
• JP-A-59 036 714
• US-A- 3 405 424
• US-A- 4 492 731

Cited by
WO2010021933A3; USD841838S; USD909628S; US10017880B2; US11608571B2; US11692284B2

Designated contracting state (EPC)
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WO 9413869 A1 19940623; CA 2108382 A1 19940609; DE 69317043 D1 19980326; DE 69317043 T2 19980610; EP 0625219 A1 19941123; EP 0625219 B1 19980218; JP H07506405 A 19950713

DOCDB simple family (application)
EP 9303375 W 19931202; CA 2108382 A 19931014; DE 69317043 T 19931202; EP 94901939 A 19931202; JP 51373694 A 19931202