

Title (en)
NEW POLYESTER FIBERFILL

Publication
EP 0317192 B1 19930310 (EN)

Application
EP 88310642 A 19881111

Priority
US 12043887 A 19871113

Abstract (en)
[origin: EP0317192A1] New polyester fiberfill of round cross-section, but containing multiple peripheral voids around an axial void, and preferably seven such voids in a hexagonal packing arrangement, and processes for preparation and use, and articles filled with such new fiberfill.

IPC 1-7
D01D 5/24; D01F 6/62

IPC 8 full level
B68G 1/00 (2006.01); **D01D 5/24** (2006.01); **D01F 6/62** (2006.01)

CPC (source: EP KR)
D01D 5/24 (2013.01 - EP KR); **D01F 6/62** (2013.01 - EP KR); **D01F 8/14** (2013.01 - KR)

Cited by
EP0677601A1; EP0352389A1; FR3020935A1; US11116262B2; US8641946B2; WO2006002769A3

Designated contracting state (EPC)
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EP 0317192 A1 19890524; EP 0317192 B1 19930310; AT E86678 T1 19930315; AU 2502788 A 19890518; AU 607278 B2 19910228; BR 8805884 A 19890801; CA 1314368 C 19930316; CN 1033657 C 19961225; CN 1042742 A 19900606; DE 3879110 D1 19930415; DE 3879110 T2 19930902; DK 630588 A 19890514; DK 630588 D0 19881111; ES 2040869 T3 19931101; FI 885221 A0 19881111; FI 885221 A 19890514; HK 78893 A 19930813; IE 63237 B1 19950405; IE 883384 L 19890513; IN 171801 B 19930109; JP H01148809 A 19890612; JP H03269114 A 19911129; KR 890008363 A 19890710; KR 910008667 B1 19911019; MA 21437 A1 19890701; MX 169276 B 19930628; NO 167309 B 19910715; NO 167309 C 19911023; NO 885050 D0 19881111; NO 885050 L 19890516; NZ 226935 A 19901127; PT 88997 A 19890914; ZA 888453 B 19900725

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