

Publication

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Application

EP 94906024 A 19940104

Priority

- US 9400103 W 19940104
- US 228793 A 19930108

Abstract (en)

[origin: WO9416018A1] Toughened polyphenylene sulfide compositions are provided having impact strength, weld line strength and tensile elongation, among other advantages. The compositions include a blend of polyphenylene sulfide and an olefin terpolymer for toughening the polyphenylene sulfide. The terpolymer has the formula E/X/Y (I), where E is an olefinic polymer, X is an acrylic ester and Y is a glycidyl ester. The compositions may also include reinforcing agents or fillers, preferably glass fibers or carbon fibers. The compositions are formed by blending polyphenylene sulfide and an olefin terpolymer of formula (I), with no acid, hot water or organic solvent wash pretreatment of the polyphenylene sulfide.

IPC 1-7

C08L 81/02

IPC 8 full level

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CPC (source: EP)

C08L 81/02 (2013.01); **C08L 23/02** (2013.01); **C08L 63/00** (2013.01)

Citation (search report)

- [PX] EP 0546608 A1 19930616 - SOLVAY [BE]
- [X] EP 0484273 A1 19920506 - CIBA GEIGY AG [CH]
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 176 (C - 1045) 6 April 1993 (1993-04-06)
- See references of WO 9416018A1

Designated contracting state (EPC)

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