

Title (en)

PROCESS FOR THE PREPARATION OF POLY(PHENYLENE-OXY-PHENYLENE-SULFONE)

Publication

**EP 0000361 B1 19840516 (DE)**

Application

**EP 78100283 A 19780630**

Priority

DE 2731816 A 19770714

Abstract (en)

[origin: US4200728A] Polyethers, preferably containing sulfone groups, are obtained by a multi-stage condensation process at from 100 DEG to 230 DEG C. from substantially equivalent amounts of bis-(4-hydroxyphenyl)-sulfone and a dichlorobenzene compound in a polar aprotic solvent in the presence of an anhydrous alkali metal carbonate, with or without the addition of a compound which forms an azeotrope.

IPC 1-7

**C08G 65/40**

IPC 8 full level

**C08G 65/40** (2006.01); **C08G 75/23** (2006.01)

CPC (source: EP US)

**C08G 65/4093** (2013.01 - EP US); **C08G 75/23** (2013.01 - EP US)

Citation (examination)

- DE 1545106 A1 19700716 - UNION CARBIDE CORP
- DE 1957091 A1 19700611 - CELANESE CORP
- CA 847963 A 19700728 - UNION CARBIDE CORP
- J. Pol. Sci. part A1, vol 5, 2375-2398 (1967)

Cited by

EP0232019A3; EP0146669A3; EP1857486A1; EP0113112A1; EP0047999A1; EP0030033A3; US5998533A; EP0135941A3; US5049642A; EP0234223A3; EP0085185A1; EP0029633A3; EP0702058A1; US9975994B2; US8759458B2; WO2013028609A1; WO2014207106A1; US9777119B2; WO2010112508A1; US9051432B2; US9365680B2; EP3222651A1; WO2017162485A1; US10889689B2; WO2011020823A1; US9102798B2; US9469732B2; EP2440599B2

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