

Title (en)

METHOD FOR NITRATING AND AMINATING AN ARYL POLYMER

Title (de)

VERFAHREN ZUR NITRIERUNG UND AMINIERUNG VON ARYLPOLYMER

Title (fr)

PROCEDE DE NITRATION ET D'AMINATION DE POLYMERES D'ARYLE

Publication

EP 1274764 A1 20030115 (DE)

Application

EP 01911716 A 20010301

Priority

- DE 10010002 A 20000302
- EP 0102341 W 20010301

Abstract (en)

[origin: DE10010002A1] Production of nitrated aryl polymers (I) comprises: (a) dissolving an aryl polymer in concentrated sulfuric acid at a temperature below 25 deg C; (b) adding concentrated nitric acid at a temperature below 25 deg C; and (c) precipitating the product in water. An Independent claim is also included for polyethersulfones and polyetherethersulfones of formula (II) and (III) and block copolymers of formula (IV): X = O or H; m, n = 1-100.

IPC 1-7

C08G 65/48; **C08G 75/23**

IPC 8 full level

C08G 65/40 (2006.01); **C08G 65/48** (2006.01); **C08G 75/23** (2006.01)

CPC (source: EP KR US)

C08G 65/48 (2013.01 - EP KR US); **C08G 75/23** (2013.01 - EP US)

Citation (search report)

See references of WO 0164773A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 10010002 A1 20010906; CA 2401843 A1 20010907; CA 2401843 C 20080729; CN 100354337 C 20071212; CN 1406261 A 20030326; EP 1274764 A1 20030115; JP 2003529635 A 20031007; KR 100848024 B1 20080723; KR 100871309 B1 20081201; KR 20020076343 A 20021009; KR 20080029017 A 20080402; MX PA02008590 A 20030224; US 2003166792 A1 20030904; US 6878803 B2 20050412; WO 0164773 A1 20010907

DOCDB simple family (application)

DE 10010002 A 20000302; CA 2401843 A 20010301; CN 01805887 A 20010301; EP 0102341 W 20010301; EP 01911716 A 20010301; JP 2001564265 A 20010301; KR 20027011425 A 20020830; KR 20087006395 A 20080314; MX PA02008590 A 20010301; US 22017103 A 20030113