

Title (en)

PROCESS FOR THE PREPARATION OF POLYURETHANES CONTAINING ARYLSULFONIC ACID ALKYL ESTER GROUPS

Publication

EP 0000722 B1 19820929 (DE)

Application

EP 78100484 A 19780724

Priority

DE 2735047 A 19770803

Abstract (en)

[origin: US4237250A] The instant invention is directed to polyurethanes containing sulfonic acid ester groups wherein arylsulfonic acid alkyl ester groups are attached to aromatic nuclei as chain members and to their method of preparation. The process is characterized by reacting at from 0 DEG to 190 DEG C. (A) aromatic isocyanatosulfonic acids; with (B) oxiranes and/or oxetanes wherein the equivalent ratio of NCO groups to SO₃H groups is from 0.1:1 to 1.99:1 and the equivalent ratio of epoxide (and/or oxetane) groups to SO₃H groups is from 0.2:1 to 5:1. The invention is also directed to the product by process.

IPC 1-7

C08G 18/77; **C08G 18/71**

IPC 8 full level

C08G 18/71 (2006.01); **C08G 18/77** (2006.01); **C08G 18/00** (2006.01)

CPC (source: EP US)

C08G 18/715 (2013.01 - EP US); **C08G 18/775** (2013.01 - EP US)

Cited by

CN110183609A; FR2370064A1

Designated contracting state (EPC)

BE CH DE FR GB NL

DOCDB simple family (publication)

EP 0000722 A1 19790221; **EP 0000722 B1 19820929**; DE 2735047 A1 19790215; DE 2862047 D1 19821111; IT 1105388 B 19851028; IT 7850542 A0 19780731; JP S5428400 A 19790302; US 4237250 A 19801202

DOCDB simple family (application)

EP 78100484 A 19780724; DE 2735047 A 19770803; DE 2862047 T 19780724; IT 5054278 A 19780731; JP 9324578 A 19780801; US 92961678 A 19780731