

Title (en)

USE OF POLYDIENE DIOLS IN RESILIENT POLYURETHANE FOAMS

Title (de)

VERWENDUNG VON POLYDIEN-DIOLEN IN ELASTISCHEN POLYURETHANSCHAUMSTOFFEN

Title (fr)

UTILISATION DE DIOLS DE POLYDIENE DANS DES MOUSSES SOUPLES EN POLYURETHANE

Publication

**EP 0833855 A1 19980408 (EN)**

Application

**EP 96923917 A 19960621**

Priority

- EP 9602762 W 19960621
- US 49464095 A 19950623

Abstract (en)

[origin: WO9700902A1] Polyurethane foams having high resilience and significantly improved humid ageing are formed from a polydiene diol, preferably a hydrogenated polybutadiene diol, having a hydroxyl functionality from 1.6 to 2.0 and from an aromatic polyisocyanate having an isocyanate functionality of from 2.5 to 3.0. The polydiene diol is preferably blended with foaming agents prior to addition of the highly reactive polyisocyanate.

IPC 1-7

**C08G 18/62**; **C08G 18/69**

IPC 8 full level

**C08G 18/62** (2006.01); **C08G 18/69** (2006.01)

CPC (source: EP)

**C08G 18/6208** (2013.01); **C08G 18/69** (2013.01); **C08G 2110/0008** (2021.01); **C08G 2110/005** (2021.01); **C08G 2110/0058** (2021.01); **C08G 2110/0083** (2021.01)

Citation (search report)

See references of WO 9700902A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**WO 9700902 A1 19970109**; BR 9609350 A 19990511; CA 2224737 A1 19970109; CN 1191549 A 19980826; EP 0833855 A1 19980408; JP H11509880 A 19990831

DOCDB simple family (application)

**EP 9602762 W 19960621**; BR 9609350 A 19960621; CA 2224737 A 19960621; CN 96195756 A 19960621; EP 96923917 A 19960621; JP 50359497 A 19960621