

Title (en)

METHOD FOR THE PRODUCTION OF POLYURETHANE SOFT FOAM MATERIALS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON POLYURETHAN-WEICHSCHAUMSTOFFEN

Title (fr)

PROCEDE DE PRODUCTION DE MOUSSES SOUPLES DE POLYURETHANNE

Publication

EP 1423454 A1 20040602 (DE)

Application

EP 02767218 A 20020716

Priority

- DE 10137628 A 20010803
- EP 0207887 W 20020716

Abstract (en)

[origin: WO03014190A1] The invention relates to a method for the production of polyurethane soft foam materials by reacting: a) polyisocyanates with b) compounds having at least two reactive hydrogen atoms with isocyanate groups in the presence of c) expanding agents. The invention is characterized in that at least one polyether alcohol, which can be produced by reacting alkylene oxides with H-functional starting substances in the presence of DMC catalysts and has a DMC catalyst content ranging between 0.1 to 1000 ppm, in relation to the weight of the polyether alcohol, is used as compounds having at least two reactive hydrogen atoms b) with isocyanate groups.

IPC 1-7

C08G 65/26; B01J 27/26; C08G 18/48

IPC 8 full level

C08G 18/48 (2006.01); **C08G 65/26** (2006.01); B01J 27/26 (2006.01)

CPC (source: EP US)

C08G 18/4866 (2013.01 - EP US); **C08G 65/2663** (2013.01 - EP US); B01J 27/26 (2013.01 - EP US); **C08G 2110/0008** (2021.01 - EP US); **C08G 2110/005** (2021.01 - EP US); **C08G 2110/0083** (2021.01 - EP US)

Citation (search report)

See references of WO 03014190A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03014190 A1 20030220; DE 10137628 A1 20030227; EP 1423454 A1 20040602; US 2004192801 A1 20040930

DOCDB simple family (application)

EP 0207887 W 20020716; DE 10137628 A 20010803; EP 02767218 A 20020716; US 48460004 A 20040122