

Title (en)  
CATALYST COMBINATIONS FOR INCREASING TRIMER CONTENT IN FOAM

Title (de)  
KATALYSATOR-KOMBINATIONEN ZUR ERHÖHUNG DES TRIMERGEGHALTS IN SCHAUMSTOFF

Title (fr)  
COMBINAISON DE CATALYSEURS POUR AMÉLIORER LE CONTENU DE TRIMÈRES DANS UNE MOUSSE

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Application  
**EP 02744874 A 20020718**

Priority  
US 0222807 W 20020718

Abstract (en)  
[origin: WO2004009687A1] Provided herein are compositions which are useful as catalysts in the production of polyisocyanurate foams. The compositions of the invention comprise N, N, N'-trimethylaminoethyl-ethanolamine in combination with one other catalysts useful in promoting trimerization of isocyanates. By promoting trimerization, isocyanate content of the foam is decreased which leads to a foam having better burn properties over prior art isocyanurate foams. Decreasing the isocyanate content of a foam should also lead to quicker de-mold of a molded foam because of reduced stickiness.

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Citation (search report)  
• [Y] DD 236745 A1 19860618 - UNIV DRESDEN TECH [DD]  
• [A] US 4349638 A 19820914 - NARAYAN THIRUMURTI  
• [YD] SHUICHI OKUZONO, KATSUMI TOKUMOTO, YATAKA TAMANO, DOANL W. LOWE: "new polyisocyanurate catalysts which exhibit high activity at low temperature", JOURNAL OF CELLULAR PLASTICS, vol. 37, no. 72, 2001, pages 72 - 89, XP002458929  
• [A] DENISOV ET AL: "CATALYSIS OF CYCLOTRIMERIZATION OF ISOCYANATES BY METAL CARBOXYLATION WITH SPECIAL REFERENCE TO THE PREPARATION OF POLYISOCYANURATE RIGID FOAM MATERIALS", SYSPUR, VEB SYNTHESWERK SCHWARZHEIDE, DE, vol. 19, 1981, pages 157 - 161, XP009077355, ISSN: 0138-2128  
• See references of WO 2004009687A1

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