Title (en)
METHOD FOR THE PRODUCTION OF RIGID POLYURETHANE FOAMS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON POLYURETHAN-HARTSCHAUMSTOFFEN

Title (fr)
PROCEDE DE PRODUCTION DE MOUSSES DE POLYURETHANE RIGIDES

Publication
EP 1805240 A1 20070711 (DE)

Application
EP 05799147 A 20051012

Priority
• EP 2005010955 W 20051012
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Abstract (en)

[origin: WO2006042674A1] The invention relates to a method for production of rigid polyurethane foams by reaction of a) polyisocyanates with b) compounds with hydrogen atoms which are at least reactive with isocyanate groups in the presence of c) blowing agents, characterised in that the compounds with hydrogen atoms which are at least reactive with isocyanate groups comprise bi1) at least one polyether alcohol started with saccharose and/or sorbitol with a functionality greater than 4 and a hydroxy number in the range between 400 and 550 mg KOH/g, bi2) at least one polyether alcohol started with TDA with a hydroxy number between 120 and 240 mg KOH/g and an aromatics content of 6.5 to 15 wt. %, or a polyether alcohol started with TMP with a hydroxy number of 120 to 240 mg KOH/g and, optionally, bi3) at least one polyether alcohol started with a bi- or tri-functional alcohol with a hydroxy number of 300 to 600 mg KOH/g.

IPC 8 full level
C08G 18/48 (2006.01); **C08G 18/76** (2006.01); **C08J 9/14** (2006.01)

CPC (source: EP KR US)
C08G 18/4804 (2013.01 - EP KR US); **C08G 18/7664** (2013.01 - EP KR US); **C08J 9/141** (2013.01 - EP KR US); **C08J 9/228** (2013.01 - KR); **C08L 75/04** (2013.01 - KR); C08G 2110/0025 (2021.01 - EP US); C08G 2110/005 (2021.01 - EP US); C08J 2205/10 (2013.01 - EP KR US); C08J 2375/04 (2013.01 - EP KR US)

Citation (search report)
See references of WO 2006042674A1

Citation (examination)
WO 2006037540 A2 20060413 - BASF AG [DE], et al

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