

Title (en)

RIGID FOAM WITH IMPROVED INSULATING POWER

Title (de)

HARTSCHAUM MIT VERBESSERTER ISOLIERLEISTUNG

Title (fr)

MOUSSE RIGIDE AVEC POUVOIR ISOLANT AMÉLIORÉ

Publication

EP 3743456 A1 20201202 (FR)

Application

EP 19702358 A 20190122

Priority

- FR 1800072 A 20180122
- EP 2019051491 W 20190122

Abstract (en)

[origin: WO2019141868A1] The present invention concerns a rigid foam or composition allowing a rigid foam to be obtained made from polyurethane and/or polyisocyanurate, said foam or composition comprising polyols selected from polyester polyols and polyether polyols; said polyols comprising: 5 to 50% of a polyester polyol A by weight relative to the total weight of the polyols; and a polyol B selected from polyester polyols B and polyether polyols B. The polyester polyol A is of general formula $Rx-Ry-Z-Ry'-Rx'$ in which Z is a C3 to C8 alcohol sugar chosen from glycerol, sorbitol, erythritol, xylitol, araditol, ribitol, dulcitol, mannitol and volemitol. Ry and Ry' are diesters of formula $-OOC-Cn-COO-$ in which n is between 2 and 34, and Rx and Rx' are identical or different C2 to C12 monoalcohols.

IPC 8 full level

C08G 18/76 (2006.01); **C08G 18/16** (2006.01); **C08G 18/42** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2019141868A1

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