

Title (en)

PROCESS FOR COATING INSULATIONS BASED ON HARD POLYURETHANE FOAMS

Publication

EP 0124056 A3 19860827 (DE)

Application

EP 84104540 A 19840421

Priority

DE 3315369 A 19830428

Abstract (en)

[origin: EP0124056A2] 1. A method of coating insulations against heat or cold having a basis of hard polyurethane foams, to improve the fire behaviour of the insulations, where the insulations are coated in a first process stage, with a dispersion-bonded, solvent-free, non-porous and elastic coating medium, which seals off the foam and contains inorganic pigments, fillers and/or fibres with various flame-inhibiting additions, in an amount of 0.5 to 5 kg/m², characterised in that this coating is a) coated in a second process stage, with a dispersion-bonded or solvent-containing coating medium, which forms, under the influence of fire or radiant heat, a thermally-insulating, non-flammable layer of foam, said coating medium being in an amount of 0.2 to 0.8 kg/m²; and b) the second coating obtained according to a) is provided, in a third process stage, with a protective lacquer based on a solvent-containing, pigmented paint.

IPC 1-7

B05D 5/00; **B05D 7/02**; **C08J 9/36**

IPC 8 full level

B05D 5/00 (2006.01); **B05D 7/00** (2006.01); **B05D 7/02** (2006.01); **C08J 9/36** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] BE 728737 A 19690801
- [A] DE 1923982 A1 19701119 - KNAPSACK AG
- [A] EP 0107935 A1 19840509 - DIXON INTERNATIONAL LTD [GB]
- [A] US 3934066 A 19760120 - MURCH ROBERT MATTHEWS
- [A] US 4122203 A 19781024 - STAHL JOEL S
- [A] CHEMICAL ABSTRACTS, Band 88, Nr. 26, 26. Juni 1978, Seite 43, Nr. 192104y, Columbus, Ohio, US; & JP - A - 78 05 269 (TOYO RUBBER CHEMICAL INDUSTRY CO., LTD.) 18-01-1978

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