

Title (en)
INSULATING FOAM BUILDING PANEL AND METHOD OF CONSTRUCTION UTILIZING SUCH PANELS

Publication
EP 0039158 A3 19820203 (EN)

Application
EP 81301563 A 19810409

Priority
US 14363080 A 19800425

Abstract (en)
[origin: EP0039158A2] A heat insulating panel for use in construction of building structures such as a built-up roof. The heat insulating panel comprises first and second oppositely disposed surfaces with a core therebetween comprised of phenolic foam material. The first surface of the panel includes a thin layer of reflecting material over substantially the entire surface thereof to reduce the heat conveyed to the core due to sun radiation when the layer of reflecting material on the panel is exposed to sun radiation during construction of the building structure. This reduction in the heat conveyed to the core reduces curling or warping of the panel, before application of finishing materials, such as bituminous roofing material, over the panels. There is also disclosed a method of constructing a building structure with such heat insulating panels.

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E04D 3/35; B32B 15/08

IPC 8 full level
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CPC (source: EP)
E04B 1/80 (2013.01); **E04D 3/352** (2013.01); **E04D 3/357** (2013.01)

Citation (search report)
• US 4081939 A 19780404 - CULPEPPER JR BERTRAM C, et al
• FR 2124321 A1 19720922 - UPJOHN CO
• [D] BE 867902 A 19781207 - EXXON RESEARCH ENGINEERING CO

Cited by
GB2166688A; AU674507B2; AU648973B3; GB2205873A; GB2205873B; GB2271981A; GB2271981B; EP2589894B1

Designated contracting state (EPC)
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DK 180181 A 19811026; NO 811393 L 19811026

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