

Title (en)

Building structures containing vapor permeable foam insulation and method of installation

Title (de)

Gebäudestrukturen mit dampfdurchlässiger Schaumstoffisolierung und Montageverfahren

Title (fr)

Structures de bâtiment contenant une isolation de mousse perméable à la vapeur et procédé d'installation

Publication

EP 2238301 A2 20101013 (EN)

Application

EP 09703816 A 20090115

Priority

- US 2009031038 W 20090115
- US 2291508 P 20080123

Abstract (en)

[origin: WO2009094280A2] Attach a thermoplastic polymeric foam to multiple spaced apart structural support members of a structure wherein the foam has a resistance to water vapor permeability (μ) that is less than 50, a thermal conductivity that is less than 40 milliwatts per meter*Kelvin, a compressive strength that is greater than 80 kilopascals, and a density of 48 kilograms per cubic meter or less to provide insulation while also providing water vapor-permeability and structural durability to the structure.

IPC 8 full level

E04B 1/26 (2006.01); **E04B 2/70** (2006.01)

CPC (source: EP US)

E04B 1/26 (2013.01 - EP US); **E04B 2/707** (2013.01 - EP US)

Citation (search report)

See references of WO 2009094280A2

Designated contracting state (EPC)

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