

Title (en)

SEMIPERMEABLE COATING FOR BUILDING MATERIALS

Title (de)

HALBDURCHLÄSSIGE BESCHICHTUNG FÜR BAUSTOFFE

Title (fr)

REVETEMENT SEMIPERMEABLE DESTINE A DES MATERIAUX DE CONSTRUCTION

Publication

EP 1268182 A1 20030102 (EN)

Application

EP 01903463 A 20010201

Priority

- US 0103234 W 20010201
- US 18035100 P 20000204

Abstract (en)

[origin: WO0156779A1] The present invention provides coating materials (14), insulation-containing building material products bearing the materials and methods for applying the coatings to the building material products. The coating materials (14) possess one-way "breathability" characteristics with respect to water and aqueous solutions. That is, the coatings are essentially impermeable to liquid water and permeable to water vapor. Vapor from water insulation coated by the material may thus pass through the coating, whereas liquid water is effectively prevented from passing through the coating and entering the insulation.

IPC 1-7

B32B 3/26; B32B 5/18; B32B 5/22; B32B 27/04; B32B 27/12; B05D 3/02

IPC 8 full level

B32B 5/24 (2006.01); **D06N 7/00** (2006.01)

CPC (source: EP)

B32B 5/24 (2013.01); **D06N 3/0022** (2013.01); **D06N 3/047** (2013.01); **D06N 2205/023** (2013.01); **D06N 2205/04** (2013.01); **D06N 2209/067** (2013.01); **D06N 2209/123** (2013.01); **D06N 2209/128** (2013.01); **D06N 2209/1671** (2013.01); **D06N 2211/06** (2013.01)

Citation (search report)

See references of WO 0156779A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0156779 A1 20010809; AU 3127001 A 20010814; CA 2398982 A1 20010809; CA 2398982 C 20060613; CN 1176802 C 20041124; CN 1398222 A 20030219; EP 1268182 A1 20030102; HK 1047908 A1 20030314; HK 1053086 A1 20031010; MX PA02007441 A 20040823

DOCDB simple family (application)

US 0103234 W 20010201; AU 3127001 A 20010201; CA 2398982 A 20010201; CN 01804552 A 20010201; EP 01903463 A 20010201; HK 03100175 A 20030107; HK 03105482 A 20030730; MX PA02007441 A 20010201