

Title (en)
THERMALLY INSULATING POLYURETHANE COATING

Title (de)
WÄRMEISOLIERENDE BESCHICHTIGUNG AUS POLYURETHAN

Title (fr)
REVETEMENT THERMO-ISOLANT EN POLYURETHANNE

Publication
EP 1751203 A1 20070214 (DE)

Application
EP 05747859 A 20050425

Priority
• EP 2005004394 W 20050425
• DE 102004020936 A 20040428

Abstract (en)
[origin: WO2005105878A1] Disclosed is an insulating material, especially a thermally insulating material, preferably for wrapping/covering conduits, particularly gas pipes, water pipes, ventilation ducts, air-conditioning ducts, or similar, and coating and/or producing transport boxes and/or catering boxes, said insulating material being provided with a coating that contains plastic. The aim of the invention is to create a permanently protective coating for insulating material and/or thermally insulating material preferably for wrapping conduits, ventilation ducts, or air conditioning ducts. Said aim is achieved by the fact that the coating comprises, or is especially made of a seamless permanently flexible elastomer layer which is formed at least substantially from a self-reactive polyurethane-based and/or polyurea-based two-component plastic that is first applied to the insulating and/or thermally insulating material in a liquid state and is then transformed from a liquid state into a solid state by means of exothermal self-reaction.

IPC 8 full level
B05D 1/02 (2006.01); **C08G 18/08** (2006.01); **C08L 75/02** (2006.01); **F16L 58/10** (2006.01); **F16L 59/14** (2006.01)

CPC (source: EP)
C08L 75/02 (2013.01); **F16L 58/1072** (2013.01); **F16L 59/14** (2013.01); **C08G 2150/50** (2013.01); **C08G 2330/50** (2013.01)

Citation (search report)
See references of WO 2005105878A1

Cited by
CN109724232A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005105878 A1 20051110; DE 102004020936 A1 20051201; DE 202004021245 U1 20070719; EP 1751203 A1 20070214

DOCDB simple family (application)
EP 2005004394 W 20050425; DE 102004020936 A 20040428; DE 202004021245 U 20040428; EP 05747859 A 20050425