

Title (en)
MULTILAYER STRUCTURE FOR A PIPE

Title (de)
MEHRSCHICHTIGE STRUKTUR FÜR EIN ROHR

Title (fr)
STRUCTURE MULTICOUCHE POUR UN TUBE

Publication
EP 3030418 A1 20160615 (FR)

Application
EP 14790192 A 20140807

Priority
• FR 1357940 A 20130809
• FR 2014052061 W 20140807

Abstract (en)
[origin: WO2015019027A1] The invention relates to a multilayer structure which comprises a metal inner layer, preferably comprising at least 80% of zinc, intended for forming an anti-corrosion barrier, an outer layer consisting of a polyolefin as well as an intermediate layer made of a polyolefin that is not an elastomer, characterised in that the intermediate layer, which is in direct contact with the aforementioned inner and outer layers, includes a single functional polyolefin consisting of an ethylene terpolymer - alkyl-anhydride (meth)acrylate or unsaturated carboxylic acid. The invention also relates to a use of said intermediate layer for zinc metal pipes as a binder, as well as to a method for manufacturing such pipes, which are suitable in particular for transporting liquid.

IPC 8 full level
B32B 1/08 (2006.01); **B32B 7/12** (2006.01); **B32B 15/085** (2006.01); **B32B 27/30** (2006.01); **B32B 27/32** (2006.01)

CPC (source: EP)
B32B 1/08 (2013.01); **B32B 7/12** (2013.01); **B32B 15/085** (2013.01); **B32B 27/308** (2013.01); **B32B 27/32** (2013.01); **B32B 2307/752** (2013.01); **B32B 2597/00** (2013.01)

Citation (search report)
See references of WO 2015019027A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015019027 A1 20150212; EP 3030418 A1 20160615; FR 3009516 A1 20150213; FR 3009516 B1 20210129

DOCDB simple family (application)
FR 2014052061 W 20140807; EP 14790192 A 20140807; FR 1357940 A 20130809