

Title (en)

METHOD FOR COATING INNER SURFACES OF ELONGATED OBJECTS

Title (de)

VERFAHREN ZUM BESCHICHTEN VON INNEREN OBERFLÄCHEN LANGGESTRECKTER GEGENSTÄNDE

Title (fr)

PROCÉDÉ DESTINÉ À REVÊTIR DES SURFACES INTÉRIEURES D'OBJETS S'ÉTENDANT EN LONGUEUR

Publication

EP 2714289 A1 20140409 (DE)

Application

EP 12727786 A 20120523

Priority

- DE 102011103737 A 20110531
- EP 2012002192 W 20120523

Abstract (en)

[origin: WO2012163495A1] The invention relates to a method for coating inner surfaces of elongated objects (20), in particular pipes and/or tubes. At least one dimer is provided, heated, and evaporated. Subsequently, the dimer is heated and split into at least one monomer. The monomer is cooled and condensed into at least one polymer on the inner surfaces of the elongated objects (20). The inner surfaces of the elongated objects (20) are divided into a plurality of regions, the temperature for cooling the monomer and for condensing into the polymer being separately controllable or regulatable in each region. The invention further relates to a corresponding device for coating inner surfaces of elongated objects (20). Additionally, the invention relates to an elongated object, in particular a tube or a pipe, the inner surface of which is coated using the aforementioned method and/or using the aforementioned device.

IPC 8 full level

A61M 25/00 (2006.01); **B05D 3/04** (2006.01); **B05D 5/08** (2006.01); **B05D 7/22** (2006.01)

CPC (source: EP)

B05D 1/60 (2013.01); **B05D 7/22** (2013.01); **B05D 3/0493** (2013.01); **B05D 5/08** (2013.01)

Citation (search report)

See references of WO 2012163495A1

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

DOCDB simple family (publication)

DE 102011103737 A1 20121206; EP 2714289 A1 20140409; WO 2012163495 A1 20121206

DOCDB simple family (application)

DE 102011103737 A 20110531; EP 12727786 A 20120523; EP 2012002192 W 20120523