

Title (en)

A device for applying an internal coating in tubes

Title (de)

Vorrichtung zum Aufbringen einer Innenbeschichtung in Rohren

Title (fr)

Dispositif d'application d'un revêtement intérieur de tuyaux

Publication

EP 2230021 B1 20120725 (EN)

Application

EP 09155432 A 20090318

Priority

EP 09155432 A 20090318

Abstract (en)

[origin: EP2230021A1] A device for applying an internal coating in tubes comprises a nozzle (16), a mixing casing (12) arranged in connection with the nozzle and configured to receive at least two coating material components. Driving means intended to be located outside the tube to be coated and configured to drive an elongated flexible member (18) to rotate also causes said nozzle to rotate by being connected to said flexible member while throwing said coating material substantially radially outwards towards inner walls of the tube. Mixing members (28, 29) inside a mixing compartment (24) of the mixing casing are brought to carry out a stirring movement inside said compartment for mixing the coating material components arriving thereto to a substantially homogenous mixture, which is drained to said nozzle.

IPC 8 full level

B05B 3/10 (2006.01); **B05B 13/06** (2006.01)

CPC (source: EP)

B05B 3/1014 (2013.01); **B05B 3/1057** (2013.01); **B05B 13/0636** (2013.01)

Cited by

EP3231517A1; WO2013095143A1; RU2616926C1; EP3615225A4; NL2008027C2; CN106714980A; US2021162447A1; US11607705B2; CN117225627A; US10456804B2; US9757766B2

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2230021 A1 20100922; **EP 2230021 B1 20120725**; CY 1113254 T1 20160413; DK 2230021 T3 20121022; ES 2392129 T3 20121204; HR P20120842 T1 20121130; PL 2230021 T3 20121231; PT 2230021 E 20121031; SI 2230021 T1 20121231

DOCDB simple family (application)

EP 09155432 A 20090318; CY 121101001 T 20121023; DK 09155432 T 20090318; ES 09155432 T 20090318; HR P20120842 T 20121019; PL 09155432 T 20090318; PT 09155432 T 20090318; SI 200930369 T 20090318