

Title (en)

METHOD OF MANUALLY RESTORING AN INNER SURFACE OF A CORRUGATED STEEL TUBE

Title (de)

VERFAHREN ZUM MANUELLEN WIEDERHERSTELLEN EINER INNENFLÄCHE EINES ROHRS AUS GEWELLTEM STAHL

Title (fr)

PROCÉDÉ DE REMISE EN ÉTAT MANUELLE D'UNE SURFACE INTERNE D'UN TUBE D'ACIER ONDULÉ

Publication

EP 2225418 A4 20120314 (EN)

Application

EP 08859845 A 20081212

Priority

- SE 2008051447 W 20081212
- SE 0702779 A 20071212

Abstract (en)

[origin: WO2009075647A1] The invention relates to a method of manually restoring an inner surface (10) of a corrugated steel tube (1) forming part of a system for guiding water in association with an infrastructure, such as roads, bridges and railroads. The method includes the steps of cleaning, finishing, repairing and coating. The inner surface (10) of the corrugated tube (1) is cleaned from remaining water and sediments, whereafter the inner surface (10) is finished to remove surface roughness created by ferrous corrosion (6). The occurring cavities, created by the ferrous corrosion, on the inner surface is repaired with a filler material and/or steel sheets and/or wire netting, whereafter the inner surface (10) is covered with a coating to create long time corrosion protection and restore the structural integrity.

IPC 8 full level

E01F 5/00 (2006.01); **F16L 55/164** (2006.01)

CPC (source: EP SE)

E01F 5/00 (2013.01 - SE); **E01F 5/005** (2013.01 - EP); **F16L 55/164** (2013.01 - SE); **F16L 2101/12** (2013.01 - EP); **F16L 2101/16** (2013.01 - EP)

Citation (search report)

[X] US 5405218 A 19950411 - HYDE-SMITH PETER K [US]

Cited by

CN107858943A

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009075647 A1 20090618; EP 2225418 A1 20100908; EP 2225418 A4 20120314; RU 2010128533 A 20120120; SE 0702779 L 20090613; SE 531827 C2 20090818

DOCDB simple family (application)

SE 2008051447 W 20081212; EP 08859845 A 20081212; RU 2010128533 A 20081212; SE 0702779 A 20071212