

Title (en)
TUBULAR LINER FOR THE REHABILITATION OF FLUID-CONDUCTING PIPELINE SYSTEMS

Title (de)
AUSKLEIDUNGSSCHLAUCH ZUR SANIERUNG FLUIDFÜHRENDER LEITUNGSSYSTEME

Title (fr)
CHEMISE DESTINÉE À LA RÉNOVATION DE SYSTÈMES DE CONDUITE DE FLUIDES

Publication
EP 3174702 A1 20170607 (DE)

Application
EP 15747141 A 20150729

Priority
• DE 102014110930 A 20140731
• EP 2015067448 W 20150729

Abstract (en)
[origin: WO2016016348A1] The present invention relates to a tubular liner comprising at least one seamless tubular inner film of at least one curable layer of at least one fiber strip that is impregnated with a curable resin for the rehabilitation of fluid-conducting pipeline systems under pressure. The tubular inner film is in contact with the one or more fiber strips that are impregnated with a curable resin and has, on the surface facing the one or more fiber strips that are impregnated with a curable resin, functional groups and/or a stiffening or reinforcement structure when installed.

IPC 8 full level
B32B 1/08 (2006.01); **F16L 55/165** (2006.01)

CPC (source: EP US)
B32B 5/00 (2013.01 - EP US); **B32B 5/02** (2013.01 - EP US); **B32B 27/06** (2013.01 - EP US); **B32B 27/18** (2013.01 - EP US); **B32B 27/28** (2013.01 - EP US); **B32B 27/30** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **B32B 27/34** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B32B 27/38** (2013.01 - EP US); **F16L 11/12** (2013.01 - US); **F16L 55/1656** (2013.01 - EP US); **B32B 2255/00** (2013.01 - EP US); **B32B 2307/712** (2013.01 - EP US); **B32B 2307/7242** (2013.01 - EP US); **B32B 2307/7265** (2013.01 - EP US); **B32B 2307/752** (2013.01 - EP US); **B32B 2597/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2016016348A1

Citation (examination)
WO 0073692 A1 20001207 - BETZ WILHELM LEO [DE], et al

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)
DE 102014110930 A1 20160204; EP 3174702 A1 20170607; JP 2017529495 A 20171005; US 2017227160 A1 20170810; WO 2016016348 A1 20160204

DOCDB simple family (application)
DE 102014110930 A 20140731; EP 15747141 A 20150729; EP 2015067448 W 20150729; JP 2017505112 A 20150729; US 201515329509 A 20150729