

Title (en)

APPARATUS AND METHOD FOR HEAT CURING OF PIPE LINERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR WÄRMEHÄRTUNG VON ROHRVERKLEIDUNGEN

Title (fr)

APPAREIL ET PROCÉDÉ DE DURCISSEMENT THERMIQUE DE GAINES DE TUYAUX

Publication

EP 2598787 A4 20171101 (EN)

Application

EP 11813307 A 20110801

Priority

- US 36943910 P 20100730
- US 2011046159 W 20110801

Abstract (en)

[origin: WO2012016244A2] An apparatus and method that accelerates curing of resin in a liner for a buried pipe includes an air inversion unit connected to an air compressor. The apparatus includes a curing cap having an inflation port, a curing port and a drainage port. A flexible tube is slidably received by the curing port while maintaining a substantially fluid-tight seal. The flexible tube has a first end in fluid communication with the outlet of the manifold and the second end has a substantially spherical guide thereon. The second end of the flexible tube also includes a plurality of perforations to allow fluids to pass there through.

IPC 8 full level

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CPC (source: EP)

F16L 55/1651 (2013.01); **F16L 55/18** (2013.01)

Citation (search report)

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- [XA] EP 0620103 A2 19941019 - SHONAN GOSEI JUSHI SEISAKUSHO [JP], et al
- [A] WO 2004113625 A2 20041229 - UNDERGROUND SOLUTIONS TECHNOLOGIES GROUP INC [US], et al
- See references of WO 2012016244A2

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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

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DOCDB simple family (application)

US 2011046159 W 20110801; AU 2011283645 A 20110801; BR 112013002261 A 20110801; CA 2807112 A 20110801; CA 2863479 A 20110801; CO 13037811 A 20130225; EP 11813307 A 20110801