

Title (en)

METHOD AND APPARATUS FOR MANIPULATING EQUIPMENT INSIDE A STEAM GENERATOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR MANIPULATION EINER AUSRÜSTUNG IM INNERN EINES DAMPFGENERATORS

Title (fr)

PROCÉDÉ ET APPAREIL PERMETTANT DE MANIPULER UN ÉQUIPEMENT À L'INTÉRIEUR D'UN GÉNÉRATEUR DE VAPEUR

Publication

EP 3172736 A4 20180718 (EN)

Application

EP 14898160 A 20140818

Priority

- US 201414338368 A 20140723
- US 2014051463 W 20140818

Abstract (en)

[origin: WO2016014095A1] A method and apparatus for manipulating a tool within the secondary side of a steam generator having a tube sheet with a tube bundle having a plurality of heat exchange tubes extending from the tube sheet in rows with an annulus extending around the heat exchange tubes on a periphery of the tube bundle, between the tubes and a wrapper which surrounds the tube bundle. A robot is introduced into the annulus and extends a probe with a tool across selected lanes between the rows of tubes. A method and apparatus is also disclosed for cleaning sludge from the top of a tube sheet that includes introducing a moveable suction apparatus having attached vacuum inlets into either the no tube lane or the circumferential annulus and sludge vacuuming the top of the tube sheet.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XY] EP 2577158 A2 20130410 - SRA SAVAC [FR]
- [YA] FR 2665240 A1 19920131 - ASSAINISSEMENT STE REGIONALE [FR]
- [A] US 4715324 A 19871229 - MULLER GARY R [US], et al
- See references of WO 2016014095A1

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WO2020126370A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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