

Title (en)

Method and apparatus for executing maintenance works in the secondary side of a nuclear steam generator

Title (de)

Verfahren und Vorrichtung zum Durchführen von Wartungsarbeiten auf der Sekundärseite eines nuklearen Dampferzeugers

Title (fr)

Méthode et dispositif pour effectuer l'entretien dans la partie secondaire d'un générateur de vapeur nucléaire

Publication

EP 1340939 A3 20040526 (DE)

Application

EP 03003557 A 20030217

Priority

DE 10208500 A 20020227

Abstract (en)

[origin: EP1340939A2] Device for carrying out maintenance work on the secondary side of a nuclear steam raising plant comprises a lance moving in a gap between heating tubes (6). The lance supports a maintenance device, especially an inspection unit, on its free end, and is on a vehicle (16) which travels along a guiding track (12) at the periphery of the heating tube bundle. An Independent claim is also included for a process for carrying out maintenance work on the secondary side of a nuclear steam raising plant by using the above device. Preferred Features: The guiding track is flexible in the longitudinal direction and tensioned against the heating tubes by exerting a tensile stress. The lance can pivot on the vehicle.

IPC 1-7

F22B 37/00

IPC 8 full level

F22B 37/00 (2006.01); **F22B 37/48** (2006.01)

CPC (source: EP)

F22B 37/002 (2013.01); **F22B 37/483** (2013.01)

Citation (search report)

- [A] FR 2544123 A1 19841012 - THOME JEAN PATRICK [FR]
- [A] EP 0459597 A1 19911204 - ELECTRIC POWER RES INST [US]
- [A] EP 0230377 A2 19870729 - WESTINGHOUSE ELECTRIC CORP [US]

Cited by

CN105423807A; EP3084775A4; US9920925B2; US10125976B2

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