

Title (en)

Apparatus for removing deposits from the tubesheet of a steam generator

Title (de)

Vorrichtung zum Entfernen von Ablagerungen von dem Rohrboden eines Dampferzeugers

Title (fr)

Appareil pour éliminer les dépôts de boue de la plaque tubulaire d'un generateur de vapeur

Publication

**EP 0631089 B1 19970305 (FR)**

Application

**EP 94401247 A 19940606**

Priority

US 7182493 A 19930607

Abstract (en)

[origin: US5320072A] An apparatus for removing sludge from the tubes and tubesheet of a steam generator. A support structure is adapted to be mounted at an access port of a steam generator. A lance tube extends from the support structure into the steam generator. A spool attached to a high pressure hose is received in the lance tube. A pinch roller assembly mounted on the support structure is used to move the cylinder through the lance tube. High pressure water flows through slots drilled in the spool and out holes in the lance tube against the tubes and tubesheet. A rocker motor causes back and forth rotation or rocking of the lance tube to create a sweeping action. The lance tube may also be adjusted axially to insure that the water streams are directed to the tube lanes.

IPC 1-7

**F22B 37/48**

IPC 8 full level

**F22B 37/48** (2006.01); **F28G 15/04** (2006.01)

CPC (source: EP US)

**F22B 37/483** (2013.01 - EP US); **F28G 15/04** (2013.01 - EP US)

Cited by

WO0111303A1

Designated contracting state (EPC)

BE CH FR LI

DOCDB simple family (publication)

**US 5320072 A 19940614**; CA 2125209 A1 19941208; EP 0631089 A1 19941228; EP 0631089 B1 19970305

DOCDB simple family (application)

**US 7182493 A 19930607**; CA 2125209 A 19940606; EP 94401247 A 19940606