

Title (en)  
DECONTAMINATION METHOD AND APPARATUS

Publication  
**EP 0027388 B1 19830511 (EN)**

Application  
**EP 80303645 A 19801015**

Priority  
• US 8544479 A 19791016  
• US 8544579 A 19791016

Abstract (en)  
[origin: EP0027388A1] A method and apparatus for decontaminating tubes in a nuclear steam generator wherein a hone (52) mounted on a flexible tubular drive shaft is inserted into a tube and rotated while wash water is sprayed from the tubular shaft to wash away contaminants removed by the hone (52). The shaft extends through conduit (58) engaging the open end of the tube being cleaned to receive the wash water and contaminants therefrom. A cleaning mechanism (60) is disposed at the other end of the conduit (58) to discharge the wash water and contaminants and to wash and wipe the shaft while it is moved axially. With this method and arrangement the contaminants removed from the tubes are removed without contacting and contaminating any other part of the steam generator.

IPC 1-7  
**F28G 3/08**; **F28G 3/16**; **G21F 9/00**

IPC 8 full level  
**F22B 37/00** (2006.01); **F28G 3/08** (2006.01); **F28G 3/16** (2006.01); **G21F 9/00** (2006.01)

CPC (source: EP)  
**F22B 37/003** (2013.01); **F28G 3/08** (2013.01); **F28G 3/163** (2013.01); **G21F 9/005** (2013.01)

Cited by  
KR100589829B1; FR2534410A1; EP0331944A1; FR2613835A1; EP0364911A1; EP0171717A1; EP0116663A1; EP0406043A1; FR2649923A1; US5089684A; EP0292375A1; FR2615574A1; WO9845659A1

Designated contracting state (EPC)  
BE CH DE FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0027388 A1 19810422**; **EP 0027388 B1 19830511**; AR 224423 A1 19811130; DE 3063171 D1 19830616; ES 495960 A0 19850901; ES 8507722 A1 19850901

DOCDB simple family (application)  
**EP 80303645 A 19801015**; AR 28289780 A 19801016; DE 3063171 T 19801015; ES 495960 A 19801015