

Title (en)

PROCESS AND DEVICE FOR REMOVING DEPOSITS FROM SURFACES OF COMPONENTS IN A WATER-COOLED NUCLEAR PLANT

Publication

**EP 0106959 B1 19870422 (DE)**

Application

**EP 83107922 A 19830811**

Priority

DE 3238886 A 19821021

Abstract (en)

[origin: EP0106959A2] 1. Arrangement for cleaning the surfaces of a nuclear reactor fuel assembly (4) which is disposed in a container (3) filled with liquid, the container (3) peripherally carrying several ultrasonic vibrators (14) whose acoustic waves are directed in the direction of the fuel assembly (4), characterized in that the ultrasonic vibrators (14) are attached to at least two exterior sides (9, 12), situated opposite each other, of the water-filled container (3) which is disposed in a water tank (1), in that the ultrasonic vibrators (14), situated opposite each other in each case, are located on a common central axis (31), in that the container (3) is provided with a pipeline (26, 32) for circulating the water situated within the container and in that a circulating pump (25) and a filter (24) are connected in series in the pipeline (26, 32).

IPC 1-7

**G21F 9/00**

IPC 8 full level

**G21F 9/00** (2006.01)

CPC (source: EP)

**G21F 9/001** (2013.01)

Cited by

FR2586322A1; US5092355A; EP0418722A1; EP0373936A1; US5002079A; FR2590716A1

Designated contracting state (EPC)

BE CH DE FR IT LI NL SE

DOCDB simple family (publication)

**EP 0106959 A2 19840502; EP 0106959 A3 19840613; EP 0106959 B1 19870422; EP 0106959 B2 19920415**; DE 3238886 A1 19840426; DE 3238886 C2 19910103; DE 3371138 D1 19870527; ES 525367 A0 19850501; ES 8505137 A1 19850501

DOCDB simple family (application)

**EP 83107922 A 19830811**; DE 3238886 A 19821021; DE 3371138 T 19830811; ES 525367 A 19830905