

Title (en)

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

Publication

EP 0106959 A3 19840613 (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)

Citation (search report)

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- [A] GB 839402 A 19600629 - BENDIX AVIAT CORP
- [A] NUCLEONICS, Band 7, Nr. 7, Juli 1958, Seiten 104-105, New York; USA
- [A] CHEMICAL ENGINEERING PROGRESS, Band 58, Nr. 4, April 1962, Seiten 96-98, New York, USA

Cited by

FR2586322A1; US5092355A; EP0418722A1; EP0373936A1; US5002079A; FR2590716A1

Designated contracting state (EPC)

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