

Title (en)

DEVICE FOR MOVING THE CONTROL BAR OF A PRESSURISED WATER NUCLEAR REACTOR AND METHOD FOR MOUNTING SAID DEVICE ON A VESSEL COVER

Title (de)

EINRICHTUNG ZUM BEWEGEN DES STEUERBALKENS EINES DRUCKWASSER-KERNREAKTORS UND VERFAHREN ZUM ANBRINGEN DER EINRICHTUNG AN EINER BEHÄLTERABDECKUNG

Title (fr)

DISPOSITIF DE DEPLACEMENT D'UNE BARRE DE COMMANDE D'UN REACTEUR NUCLEAIRE A EAU SOUS PRESSION ET PROCEDE DE MONTAGE DU DISPOSITIF SUR UN COUVERCLE DE CUVE

Publication

EP 1714295 A2 20061025 (FR)

Application

EP 05717548 A 20050203

Priority

- FR 2005000236 W 20050203
- FR 0401292 A 20040210

Abstract (en)

[origin: FR2859308A1] An apparatus for moving a control bar in the core of a pressurized water-cooled nuclear reactor (PWR) comprises a control rod with the bar fitted to one end, an electromechanical system to actuate the rod, and a sealed chamber fixed to the cover (10) of the reactor vessel. It has a tubular housing (13) for the mechanism and an adapter (12) made in one piece (15). At its end opposite the adapter the housing has an internal thread (13c) and a seal lip for the threaded end (14a) of a sleeve (14) round the upper end of the control rod.

IPC 8 full level

F16L 13/02 (2006.01); **G21C 7/12** (2006.01); **G21C 13/032** (2006.01)

CPC (source: EP KR US)

F16L 13/02 (2013.01 - KR); **G21C 7/12** (2013.01 - EP US); **G21C 13/00** (2013.01 - KR); **G21C 13/02** (2013.01 - KR); **G21C 13/032** (2013.01 - EP US); **Y02E 30/30** (2013.01 - EP US)

Citation (search report)

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