

Title (en)

MINIATURE ENDOSCOPE AND METHOD FOR INSPECTING FUEL ELEMENTS

Title (de)

MINIATURENDOSKOP UND VERFAHREN ZUR INSPEKTION VON BRENNELEMENTEN

Title (fr)

ENDOSCOPE MINIATURISE ET PROCEDE D'INSPECTION DES ELEMENTS DE COMBUSTIBLE

Publication

**EP 1151439 A1 20011107 (DE)**

Application

**EP 00909010 A 20000208**

Priority

- DE 0000373 W 20000208
- DE 19905970 A 19990212

Abstract (en)

[origin: DE19905970A1] The invention relates to a device and a method for inspecting fuel elements (3) of a nuclear reactor underwater. A remote controlled miniature endoscope (5) forming part of an inspection device (1) is introduced into the fuel element (3) and the non-easily accessible parts (25, 35, 37) of the fuel element located therein are inspected without having to disassemble the fuel element (3).

IPC 1-7

**G21C 17/08**

IPC 8 full level

**A61B 1/00** (2006.01); **G02B 23/24** (2006.01); **G21C 17/06** (2006.01); **G21C 17/08** (2006.01); **G21C 19/02** (2006.01); **G21F 7/00** (2006.01)

CPC (source: EP US)

**G02B 23/2492** (2013.01 - EP US); **G21C 17/06** (2013.01 - EP US); **Y02E 30/30** (2013.01 - EP)

Citation (search report)

See references of WO 0048200A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19905970 A1 20000831**; EP 1151439 A1 20011107; JP 2002541437 A 20021203; US 2002071513 A1 20020613; WO 0048200 A1 20000817

DOCDB simple family (application)

**DE 19905970 A 19990212**; DE 0000373 W 20000208; EP 00909010 A 20000208; JP 2000599037 A 20000208; US 92917301 A 20010813