

Title (en)

Fuel assembly transport container

Title (de)

Vorrichtung zum Transportieren von Kernbrennelementen

Title (fr)

Panier de transport d'un assemblage combustible

Publication

EP 1573750 A1 20050914 (FR)

Application

EP 02808356 A 20021219

Priority

FR 0204459 W 20021219

Abstract (en)

[origin: WO2004066313A1] The invention relates to a method and device for locking a fuel assembly in position in a housing of a transport container. According to the invention, a fixing system (10) is placed between the upper end piece (ES) of a fresh fuel assembly (A) which is to be transported and the open end of a housing (L) in which the assembly is to be disposed, such as to form a rigid connection therebetween. The fixing system (10) maintains the lower end piece of the assembly (A) at a distance from the base of the housing (L1) and presses the upper end piece (ES) laterally against the housing corner which is designed to face downwards during the subsequent transport of the assembly in the horizontal position. In addition, the lower end piece (EI) of the assembly (A) is held in place laterally by a reduced section portion (12) of the housing (L).

IPC 1-7

G21F 5/012; **G21F 5/12**

IPC 8 full level

G21F 5/012 (2006.01); **G21F 5/12** (2006.01)

CPC (source: EP US)

G21F 5/012 (2013.01 - EP US); **G21F 5/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2004066313A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 2004066313 A1 20040805; AU 2002365009 A1 20040813; DE 60231922 D1 20090520; EP 1573750 A1 20050914; EP 1573750 B1 20090408; JP 2006511811 A 20060406; JP 4291277 B2 20090708; US 2008049886 A1 20080228

DOCDB simple family (application)

FR 0204459 W 20021219; AU 2002365009 A 20021219; DE 60231922 T 20021219; EP 02808356 A 20021219; JP 2004566964 A 20021219; US 53928202 A 20021219