

Title (en)

METHOD FOR MAKING A PACKAGING FOR TRANSPORTING AND / OR STORING NUCLEAR MATERIAL USING THE WELD SHRINKAGE PHENOMENON

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VERPACKUNG FÜR DEN TRANSPORT UND/ODER DIE LAGERUNG VON KERNMATERIAL ANHAND DES NAHTSCHRUMPFUNGSPHÄNOMENS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN EMBALLAGE POUR LE TRANSPORT ET / OU STOCKAGE DE MATIÈRES NUCLÉAIRES, UTILISANT LE PHÉNOMÈNE DE RETRAIT DE SOUDAGE

Publication

**EP 2319049 A1 20110511 (FR)**

Application

**EP 09809333 A 20090826**

Priority

- EP 2009060962 W 20090826
- FR 0855738 A 20080827

Abstract (en)

[origin: WO2010023214A1] The invention relates to a method for making a packaging (2) for transporting and/or storing nuclear material, said packaging including an inner ferrule (20), an outer ferrule, as well as heat conduction means (16), wherein said method includes: making a substantially circular envelope (22') having at least one longitudinal slot defined by two opposite longitudinal edges (42); welding the opposite longitudinal edges in order to form the outer ferrule, said step being carried out so that the weld shrinkage results in a compression strain of the heat conduction means in a radial direction, and so that each weld bead ensures only the attachment onto one another of the two edges connected by the same.

IPC 8 full level

**G21F 5/10** (2006.01)

CPC (source: EP US)

**G21F 5/008** (2013.01 - EP US); **G21F 5/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2010023214A1

Citation (examination)

WO 9001653 A1 19900222 - GRIECO ANTHONY J [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**WO 2010023214 A1 20100304**; EP 2319049 A1 20110511; FR 2935532 A1 20100305; FR 2935532 B1 20120713; JP 2012500986 A 20120112; US 2011142571 A1 20110616

DOCDB simple family (application)

**EP 2009060962 W 20090826**; EP 09809333 A 20090826; FR 0855738 A 20080827; JP 2011524362 A 20090826; US 200913059115 A 20090826