

Title (en)
CONTAINER FOR LONG-TERM STORAGE OF RADIOACTIVE WASTE

Publication
EP 0072429 B1 19850417 (DE)

Application
EP 82106184 A 19820710

Priority
DE 3132704 A 19810819

Abstract (en)
[origin: EP0072429A1] 1. Container for the long-term storage of radio-active waste, more particularly of spent fuel elements, in suitable geological formations, consisting of a basic container body and a protective layer applied to the outer surface, the protective layer (2) consisting of a plastics material from the group of polyurethanes, polytetrafluoroethylene, polycarbonate, epoxy resins, phenol formaldehyde resins and acrylate rubber, characterised in that an adsorptive filler which is swellable in the presence of water and is ionexchangeable is incorporated into the protective layer (2).

IPC 1-7
G21F 9/36; **G21F 1/10**

IPC 8 full level
G21F 1/10 (2006.01); **G21F 9/00** (2006.01); **G21F 9/36** (2006.01)

CPC (source: EP)
G21F 1/10 (2013.01); **G21F 9/36** (2013.01)

Cited by
DE102011085480A1; FR2629625A1; GB2176925A; EP1124234A1; DE3927815C2; WO2005006349A1; WO2015124773A1; WO2013060326A1

Designated contracting state (EPC)
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EP 0072429 A1 19830223; **EP 0072429 B1 19850417**; BR 8204782 A 19830802; CA 1170845 A 19840717; DE 3132704 A1 19830310; DE 3132704 C2 19851219; DE 3263122 D1 19850523; ES 280865 U 19850201; ES 280865 Y 19850801; JP S5840000 A 19830308

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EP 82106184 A 19820710; BR 8204782 A 19820816; CA 409706 A 19820818; DE 3132704 A 19810819; DE 3263122 T 19820710; ES 280865 U 19820630; JP 13926082 A 19820812