

Title (en)

ASSEMBLY COMPRISING A PACKAGING FOR THE STORAGE OF RADIOACTIVE MATERIALS AND SUPPORT SYSTEM THEREOF

Title (de)

ANORDNUNG MIT EINER VERPACKUNG ZUR AUFBEWAHRUNG RADIOAKTIVER MATERIALIEN UND TRÄGERSYSTEM DAFÜR

Title (fr)

ENSEMBLE COMPRENANT UN EMBALLAGE POUR L'ENTREPOSAGE DE MATIERES RADIOACTIVES, ET SON SYSTEME DE SUPPORT

Publication

EP 3928330 A1 20211229 (FR)

Application

EP 20725883 A 20200312

Priority

- FR 1903249 A 20190328
- FR 2020050516 W 20200312

Abstract (en)

[origin: WO2020193901A1] The invention relates to an assembly (100) comprising a packaging (1) for storage of radioactive materials, as well as the support system (3) thereof, comprising a radiative screen (20) for thermal protection of the ground, this screen comprising at least one air passage (24) providing the communication between a zone (32) for circulation of air for cooling the ground defined under a first face (28) of the screen, and a zone (34) for circulation of air for cooling the bottom of the packaging defined between the second face (30) of the screen and the bottom of the packaging (4). The support system (3) comprises elements (36) for supporting the bottom of the packaging, each projecting from the second face (30) of the radiative screen (20) and extending through the zone (34), and it also comprises bearing elements (38) projecting into the zone (32).

IPC 8 full level

G21F 5/10 (2006.01); **G21F 5/005** (2006.01); **G21F 5/008** (2006.01)

CPC (source: EP KR)

G21F 5/005 (2013.01 - EP); **G21F 5/008** (2013.01 - EP KR); **G21F 5/10** (2013.01 - EP KR)

Citation (search report)

See references of WO 2020193901A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020193901 A1 20201001; EP 3928330 A1 20211229; EP 3928330 B1 20230524; FR 3094549 A1 20201002; FR 3094549 B1 20210416; KR 20210141967 A 20211123

DOCDB simple family (application)

FR 2020050516 W 20200312; EP 20725883 A 20200312; FR 1903249 A 20190328; KR 20217032358 A 20200312