

Title (en)

RADIOPROTECTIVE BUILDING BLOCK FOR BUILDING A WALL THAT IS ABLE TO FORM A SCREEN TO IONIZING RADIATION

Title (de)

STRAHLENSCHUTZBAUSTEIN ZUM BAUEN EINER WAND ALS ABSCHIRMUNG VOR IONISIERENDER STRAHLUNG

Title (fr)

BLOC DE CONSTRUCTION RADIOPROTECTEUR, POUR LA CONSTRUCTION D'UNE PAROI APTE À FORMER UN ÉCRAN À L'ENCONTRE DES RAYONNEMENTS IONISANTS

Publication

EP 3729467 B1 20230809 (FR)

Application

EP 18833944 A 20181214

Priority

- FR 1762546 A 20171219
- FR 2018053309 W 20181214

Abstract (en)

[origin: WO2019122636A1] The invention relates to a radioprotective building block for building a wall that is able to form a screen to ionizing radiation. The radioprotective building block (1) comprises: -a core (2) made of at least one radioprotective material, and -a shell (3) enclosing said core (2) and comprising at least one shell part (4) that is fitted around said core (2).

IPC 8 full level

G21F 3/04 (2006.01); **G21F 1/08** (2006.01)

CPC (source: EP US)

E04B 1/92 (2013.01 - US); **E04B 2/08** (2013.01 - US); **E04B 2/12** (2013.01 - US); **E04C 1/39** (2013.01 - US); **E04C 1/40** (2013.01 - US); **G21F 1/085** (2013.01 - EP); **G21F 3/04** (2013.01 - EP US); **G21F 7/00** (2013.01 - US); **E04B 2001/925** (2013.01 - US); **E04B 2002/021** (2013.01 - US)

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

DOCDB simple family (publication)

FR 3075451 A1 20190621; **FR 3075451 B1 20200717**; EP 3729467 A1 20201028; EP 3729467 B1 20230809; ES 2962310 T3 20240318; US 2020362556 A1 20201119; WO 2019122636 A1 20190627

DOCDB simple family (application)

FR 1762546 A 20171219; EP 18833944 A 20181214; ES 18833944 T 20181214; FR 2018053309 W 20181214; US 201816956389 A 20181214