Title (en)

DEVICE FOR PREPARING RADIOACTIVE SOLUTIONS

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON RADIOAKTIVEN LÖSUNGEN

Title (fr)

DISPOSITIF DE PRÉPARATION DE SOLUTIONS RADIOACTIVES

Publication

EP 3551538 A1 20191016 (FR)

Application

EP 17811538 A 20171205

Priority

- FR 1662069 A 20161207
- EP 2017081532 W 20171205

Abstract (en)

[origin: WO2018104306A1] The invention relates to a device (10) for preparing radioactive solutions, in particular radiopharmaceutical solutions, which comprises: a mobile supporting block (12) with at least two cells (14) capable of receiving a bottle (112); and a shielded cap (16), comprising a side wall (18) surrounding the periphery of the supporting block and an upper wall (20) covering the upper surface of the supporting block (12), an opening (24) being provided in the upper wall (20) of the cap. A means for driving the supporting block (12) is configured to selectively move the supporting block into positions, referred to as working positions, in which a given cell (14) is aligned with the opening (24) to allow access to said cell (14) from the outside of the cap (16). The supporting block (12) is configured so that it can also be brought into a position, referred to as closed position, wherein the opening (24) is sealed by a shielded element (17) supported by the supporting block.

IPC 8 full level

B65B 3/00 (2006.01); **G21F 7/005** (2006.01); **G21G 1/00** (2006.01)

CPC (source: EP US)

B65B 3/006 (2013.01 - EP US); **G21F 5/015** (2013.01 - US); **G21F 7/005** (2013.01 - EP US); **G21G 1/0005** (2013.01 - EP US)

Citation (search report)

See references of WO 2018104306A1

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)

FR 3059567 A1 20180608; **FR 3059567 B1 20181130**; EP 3551538 A1 20191016; EP 3551538 B1 20210203; ES 2868787 T3 20211021; JP 2020500642 A 20200116; US 10755828 B2 20200825; US 2019341162 A1 20191107; WO 2018104306 A1 20180614

DOCDB simple family (application)

FR 1662069 A 20161207; EP 17811538 A 20171205; EP 2017081532 W 20171205; ES 17811538 T 20171205; JP 2019530831 A 20171205; US 201716466806 A 20171205