

Title (en)
PASSIVE TRITIUM SAMPLING DEVICE

Title (de)
PASSIVE TRITIUMPROBENAHMEVORRICHTUNG

Title (fr)
DISPOSITIF DE PRÉLÈVEMENT PASSIF DE TRITIUM

Publication
EP 2893539 B1 20170118 (FR)

Application
EP 13760009 A 20130905

Priority
• FR 1258303 A 20120905
• EP 2013068400 W 20130905

Abstract (en)
[origin: WO2014037461A1] The invention relates to a device (100) for sampling tritium present in a gaseous environment (E), including: a vessel (110) in fluid communication with the gaseous environment, and a quantity of adsorbent material (120) arranged inside said vessel (110), suitable for adsorbing the tritium contained in the gaseous environment, the device including at least one opening (131) for fluid communication between the vessel and the gaseous environment, the device being characterized in that: the shape of the opening (131) for fluid communication is suitable for ensuring, depending on the duration of the sampling, that the quantity of adsorbent material is not saturated at the end of the sampling, and that the adsorbent material is shaped such as to have a rotationally symmetrical surface for exchange with the gaseous environment.

IPC 8 full level
G21F 9/02 (2006.01)

CPC (source: EP)
G21F 9/02 (2013.01)

Citation (examination)
FR 2985437 A1 20130712 - ALSTOM TECHNOLOGY LTD [CH]

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 2994860 A1 20140307; FR 2994860 B1 20140822; CA 2884228 A1 20140313; CA 2884228 C 20200922; EP 2893539 A1 20150715; EP 2893539 B1 20170118; ES 2620783 T3 20170629; WO 2014037461 A1 20140313

DOCDB simple family (application)
FR 1258303 A 20120905; CA 2884228 A 20130905; EP 13760009 A 20130905; EP 2013068400 W 20130905; ES 13760009 T 20130905