

Title (en)

Measuring device and measuring method for container sterilisation

Title (de)

Messvorrichtung und Messverfahren für Behältnissterilisation

Title (fr)

Dispositif de mesure et procédé de mesure pour la stérilisation de récipients

Publication

EP 2688073 A3 20150318 (DE)

Application

EP 13176622 A 20130716

Priority

DE 102012106379 A 20120716

Abstract (en)

[origin: EP2688073A2] The device has a charge carrier generation unit which generates charge carriers. An acceleration device accelerates the charge carriers within housing. An exit window makes the charge carriers to escape out of the housing. A sensor unit (20) has a sensor device to capture charge carriers passing in one direction from the exit window, and another sensor device to detect the charge carriers passing in other direction of the exit window. The sensor devices independently detect measured values of the charge carriers as characteristic of the charge carriers from the exit window. An independent claim is included for a method for the sterilization of containers.

IPC 8 full level

G21K 5/00 (2006.01); **H01J 37/244** (2006.01)

CPC (source: EP)

G21K 5/00 (2013.01); **B65B 55/08** (2013.01)

Citation (search report)

- [X] US 2004119024 A1 20040624 - AVNERY TZVI [US]
- [A] US 2011012032 A1 20110120 - BUFANO MICHAEL LAWRENCE [US], et al
- [A] WO 02061464 A1 20020808 - STERIS INC [US]

Cited by

DE102022122422A1; EP4342500A2

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)

EP 2688073 A2 20140122; EP 2688073 A3 20150318; EP 2688073 B1 20180404; CN 103536947 A 20140129; CN 103536947 B 20160810; DE 102012106379 A1 20140130; JP 2014040274 A 20140306; JP 6259598 B2 20180110

DOCDB simple family (application)

EP 13176622 A 20130716; CN 201310297936 A 20130716; DE 102012106379 A 20120716; JP 2013146700 A 20130712