

Title (en)

DEVICE AND METHOD FOR CLEANING COMBUSTION DEVICES

Title (de)

VORRICHTUNG UND VERFAHREN ZUM REINIGEN VON VERBRENNUNGSEINRICHTUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR NETTOYER DES ÉQUIPEMENTS DE COMBUSTION

Publication

EP 2936026 B1 20161109 (DE)

Application

EP 13811345 A 20131217

Priority

- CH 29112012 A 20121220
- CH 2013000225 W 20131217

Abstract (en)

[origin: WO2014094190A1] The invention relates to a cleaning device (1) for removing deposits in tanks by means of explosive technology. The device comprises a cleaning lance (2) with a grip-side and a cleaning-side end section (15, 16) to which a flexible tank vessel (14) that forms a receiving chamber can be attached. The cleaning lance (2) comprises (2) a feed pipe (4) with a tank connection device (17), arranged on the cleaning-side end section (16), for the supply of the explosive mixture or the starting components thereof to the tank vessel (14), and comprises a protective pipe (12) with a receiving chamber for the tank vessel (14) for the purpose of shielding the tank vessel (14) to the outside. The invention is characterized in that the protective pipe (12) is arranged so as to be displaceable along the longitudinal axis (L) of the cleaning lance (2) relative to the feed pipe (4) from a first position, in which the tank vessel (14) is shielded with respect to the environment by the protective pipe (12), into a second position, in which the tank vessel (14) emerges from the area shielded by the protective pipe (12).

IPC 8 full level

B08B 7/00 (2006.01); **F23J 3/02** (2006.01); **F27D 25/00** (2010.01); **F28G 7/00** (2006.01)

CPC (source: EP US)

B08B 7/0007 (2013.01 - EP US); **B08B 9/08** (2013.01 - US); **F23J 3/02** (2013.01 - EP US); **F27D 25/006** (2013.01 - EP US); **F28G 7/005** (2013.01 - EP 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)

WO 2014094190 A1 20140626; CH 707256 A1 20140630; EP 2936026 A1 20151028; EP 2936026 B1 20161109; ES 2614786 T3 20170601; US 2015343501 A1 20151203; US 9636717 B2 20170502

DOCDB simple family (application)

CH 2013000225 W 20131217; CH 29112012 A 20121220; EP 13811345 A 20131217; ES 13811345 T 20131217; US 201314653133 A 20131217