

Title (en)

CLEANING DEVICE FOR A COMBUSTION BOILER

Title (de)

REINIGUNGSVORRICHTUNG FÜR EINEN VERBRENNUNGSKESSEL

Title (fr)

DISPOSITIF DE NETTOYAGE POUR CHAUDIÈRE À COMBUSTION

Publication

EP 2641048 B1 20160706 (DE)

Application

EP 11771178 A 20111021

Priority

- DE 102010051657 A 20101117
- EP 2011068387 W 20111021

Abstract (en)

[origin: CA2817023A1] The invention relates to a cleaning device (1) for a combustion boiler (2), comprising a high-temperature-resistant cleaning hose (3) for feeding a cleaning medium (9) into the combustion boiler (2), a hose reel (5) which can be rotated about a first axis of rotation (4), wherein the cleaning hose (3) can be wound at least partially in said reel, and wherein the hose reel (5) comprises an opening (6) through which the cleaning hose (3) can be guided during winding or unwinding parallel to the first axis of rotation (4).

IPC 8 full level

F28G 15/04 (2006.01); **F28G 3/16** (2006.01)

CPC (source: EP KR US)

F28G 15/04 (2013.01 - EP KR US); **F28G 3/163** (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)

DE 102010051657 A1 20120524; **DE 102010051657 B4 20230202**; AU 2011331402 A1 20130606; AU 2011331402 B2 20170105; CA 2817023 A1 20120524; CN 103221774 A 20130724; CN 103221774 B 20160302; DK 2641048 T3 20161024; EP 2641048 A1 20130925; EP 2641048 B1 20160706; ES 2596427 T3 20170109; JP 2014500943 A 20140116; JP 5859015 B2 20160210; KR 101828640 B1 20180212; KR 20130118908 A 20131030; US 2013312672 A1 20131128; US 9651322 B2 20170516; WO 2012065803 A1 20120524

DOCDB simple family (application)

DE 102010051657 A 20101117; AU 2011331402 A 20111021; CA 2817023 A 20111021; CN 201180055573 A 20111021; DK 11771178 T 20111021; EP 11771178 A 20111021; EP 2011068387 W 20111021; ES 11771178 T 20111021; JP 2013539184 A 20111021; KR 20137015068 A 20111021; US 201113885288 A 20111021