

Title (en)
CLEANING OF A FURNACE

Title (de)
KESSELREINIGUNG

Title (fr)
NETTOYAGE DE CHAUDIERE

Publication
EP 1660835 A1 20060531 (DE)

Application
EP 04786698 A 20040901

Priority
• DE 2004001931 W 20040901
• DE 10340790 A 20030902

Abstract (en)
[origin: WO2005024333A1] The invention relates to a device (1) for cleaning a flue of a combustion system. Said device (1) comprises a nozzle head (8) that is located in a flue (2) during the cleaning process and directs a cleaning medium onto interior walls (9) of the flue (2) and/or against pipes which are arranged therein, a hose (5) that conducts the cleaning medium, is connected to the nozzle head (8), and can be introduced into the flue (2) such that the position of the nozzle head (8) in the flue can be adjusted, and a hose drum (4) for winding up or unwinding the hose (5). The inventive device (1) is characterized in that the hose drum (5) is mounted so as to be rotatable about a first axis (11) and a second axis. The angle of rotation of the nozzle head (8) in the flue (2) is varied by rotating the hose drum (4) about said two axes, and so is the vertical height of the nozzle head (8) if the hose (4) is introduced into the flue (2) from above.

IPC 1-7
F28G 3/16; **F28G 15/04**

IPC 8 full level
F28G 3/16 (2006.01); **F28G 15/04** (2006.01)

CPC (source: EP US)
F23J 3/026 (2013.01 - EP US); **F28G 3/166** (2013.01 - EP US); **F28G 15/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2005024333A1

Cited by
DE102017110827A1; DE102017110827B4; EP4191190A1; DE102021132051A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005024333 A1 20050317; AT E352765 T1 20070215; CN 1846112 A 20061011; CN 1846112 B 20100526; DE 10340790 B3 20050428; DE 502004002803 D1 20070315; EP 1660835 A1 20060531; EP 1660835 B1 20070124; ES 2281017 T3 20070916; PL 1660835 T3 20070629; US 2007163629 A1 20070719

DOCDB simple family (application)
DE 2004001931 W 20040901; AT 04786698 T 20040901; CN 200480025234 A 20040901; DE 10340790 A 20030902; DE 502004002803 T 20040901; EP 04786698 A 20040901; ES 04786698 T 20040901; PL 04786698 T 20040901; US 59511404 A 20040901