Title (en)

DEVICE TO DETECT THE FLOW RATE OF GASES FLOWING OUT OF A CHIMNEY OF A KILN FOR THE FIRING OF CERAMIC PRODUCTS AND KILN FOR THE FIRING OF CERAMIC PRODUCTS PROVIDED WITH SAID DEVICE

Title (de)

VORRICHTUNG ZUM ERFASSEN DES DURCHFLUSSES VON GASEN AUS EINEM KAMIN EINES OFENS ZUM BRENNEN VON KERAMISCHEN PRODUKTEN UND OFEN ZUM BRENNEN VON KERAMISCHEN PRODUKTEN MIT DIESER VORRICHTUNG

Title (fr)

DISPOSITIF POUR DÉTECTER LE DÉBIT DE GAZ S'ÉCOULANT EN DEHORS D'UNE CHEMINÉE DE FOUR POUR LA CUISSON DE PRODUITS CÉRAMIQUES ET FOUR POUR LA CUISSON DE PRODUITS CÉRAMIQUES MUNI DUDIT DISPOSITIF

Publication

EP 3404348 A1 20181121 (EN)

Application

EP 18172494 A 20180515

Priority

IT 201700052447 A 20170515

Abstract (en)

A device (12) to detect the flowrate of the gases flowing out of a chimney (11) of a kiln (3) for the firing of ceramic products having a suction device (9) which directs the gases present in the kiln (3) towards the chimney (11); and wherein said device (12) is housed inside the chimney (11) and comprises a casing (13) provided with an axis (L) and having a head portion (16); and at least one sensitive element (24) having an end portion (28) housed inside the end portion (16) and which is subjected to a temperature variation proportional to the speed of the out-flowing gas flow (F); and a cleaning device (29) to clean the sensitive element (24) wherein an element (30) movable along the first axis (L) is operated by actuator means (31) so as to slide on the end portion (28) and to remove the pollutants that have deposited there.

IPC 8 full level

F27B 9/40 (2006.01); **F27D 19/00** (2006.01); **F27D 21/00** (2006.01)

CPC (source: EP)

F27B 9/40 (2013.01); **F27D 19/00** (2013.01); **F27D 21/00** (2013.01); F27D 2019/0021 (2013.01); F27D 2019/0031 (2013.01)

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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)

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