

Title (en)
DEVICE FOR CLEANING A FILLING HOLE FRAME

Title (de)
VORRICHTUNG ZUM REINIGEN EINES FÜLLLOCHRAHMENS

Title (fr)
DISPOSITIF DE NETTOYAGE DE CADRES À TROU DE CHARGEMENT

Publication
EP 2943552 A1 20151118 (DE)

Application
EP 13802322 A 20131203

Priority
• DE 102013100128 A 20130108
• EP 2013075426 W 20131203

Abstract (en)
[origin: WO2014108252A1] The invention relates to a device (1) for cleaning a filling hole frame (2) located at the upper end of a filling shaft (3) in the cover of a coke oven chamber. The device (1) comprises a support (4) and a cleaning head (5) that is rotatably mounted on said support (4) and that can be rotatably driven. The cleaning head (5) has at least one cleaning tool (8) for mechanically cleaning the filling hole frame (2). According to the invention, a blower system comprising at least one blower nozzle (9) is located on the device (1), a gas stream (10) that points into the filling shaft (3) emanating from said nozzle.

IPC 8 full level
C10B 43/06 (2006.01)

CPC (source: EP US)
C10B 43/06 (2013.01 - EP US)

Citation (search report)
See references of WO 2014108252A1

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)
DE 102013100128 A1 20140710; AR 095006 A1 20150916; EP 2943552 A1 20151118; TW 201429568 A 20140801;
US 2016017234 A1 20160121; WO 2014108252 A1 20140717

DOCDB simple family (application)
DE 102013100128 A 20130108; AR P140100041 A 20140106; EP 13802322 A 20131203; EP 2013075426 W 20131203;
TW 102148892 A 20131227; US 201314758984 A 20131203