

Title (en)

Coke oven operating device for cleaning an oven door stop

Title (de)

Koksofenbedienungseinrichtung zur Reinigung eines Ofentürstopfens

Title (fr)

Dispositif de commande d'un four à coke servant a nettoyer un élément obturateur de porte de four

Publication

**EP 2000521 A3 20100526 (DE)**

Application

**EP 08016086 A 20060906**

Priority

- EP 06791867 A 20060906
- DE 102005043226 A 20050909

Abstract (en)

[origin: WO2007028589A1] The invention relates to a coke oven operating device (1) which is used to clean, by means of at least one milling device (5), the door stop (2) of an oven door (3) of a coking chamber of a coke oven (4) which comprises a plurality of coking chambers which are arranged adjacent to each other. Said milling device (5) is arranged on at least one carrier frame (6) which can be displaced along a guide. According to the invention, a stationary maintaining frame (7) for the displaceable carrier frame (6) is provided, such that the guide is formed by a plurality of guide elements of the maintaining frame (7) and that the maintaining frame (7) comprises means (11) for centering the door and/or for fixing the oven door (3) to the maintaining frame (7), such that the milling device (5) can be displaced along a lateral surface of the door stop (2) of a oven door (3) which is lodged in or fixed to the maintaining frame (7).

IPC 8 full level

**C10B 43/04** (2006.01)

CPC (source: EP KR)

**C10B 43/02** (2013.01 - KR); **C10B 43/04** (2013.01 - EP KR)

Citation (search report)

- [Y] US 4300257 A 19811117 - IBE KAZUHIKO, et al
- [YD] DE 3735527 A1 19890427 - MANNESMANN AG [DE]
- [A] JP H10251652 A 19980922 - SUMITOMO HEAVY INDUSTRIES

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2007028589 A1 20070315**; AT E430790 T1 20090515; AU 2006289305 A1 20070315; DE 102005043226 B3 20070405; DE 102005043226 C5 20110505; DE 202006020545 U1 20081120; DE 502006003683 D1 20090618; EP 1943324 A1 20080716; EP 1943324 B1 20090506; EP 2000521 A2 20081210; EP 2000521 A3 20100526; JP 2008527097 A 20080724; KR 20080045257 A 20080522; ZA 200802978 B 20091125

DOCDB simple family (application)

**EP 2006008680 W 20060906**; AT 06791867 T 20060906; AU 2006289305 A 20060906; DE 102005043226 A 20050909; DE 202006020545 U 20060906; DE 502006003683 T 20060906; EP 06791867 A 20060906; EP 08016086 A 20060906; JP 2007549884 A 20060906; KR 20087007879 A 20080401; ZA 200802978 A 20060906