

Title (en)

METHOD FOR CHARGING A HORIZONTAL COKE OVEN CHAMBER

Title (de)

VERFAHREN ZUM BEFÜLLEN EINES HORIZONTALKAMMERKOKSOFENS

Title (fr)

PROCÉDÉ DE CHARGEMENT D'UNE CHAMBRE D'UN FOUR À COKE HORIZONTAL

Publication

EP 1521816 A1 20050413 (DE)

Application

EP 03735606 A 20030612

Priority

- DE 10232279 A 20020716
- EP 0306154 W 20030612

Abstract (en)

[origin: WO2004007640A1] The invention relates to a method for filling a horizontal flue coking oven. According to the invention, spinning cells are introduced into the furnace chamber for filling, which comprise a discharge element rotating about a vertical axis. The bulk material is charged onto the spinning cells and the bulk material distributed in the furnace chamber as a result of the rotation of the discharge element. The surface of the bulk material is subjected to a subsequent raking process.

IPC 1-7

C10B 31/08; **C10B 31/02**

IPC 8 full level

C10B 31/02 (2006.01); **C10B 31/08** (2006.01)

CPC (source: EP KR US)

C10B 31/02 (2013.01 - EP KR US); **C10B 31/08** (2013.01 - EP US); **C10B 37/02** (2013.01 - KR)

Citation (search report)

See references of WO 2004007640A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004007640 A1 20040122; AT E383411 T1 20080115; AU 2003237925 A1 20040202; CA 2488063 A1 20040122; CA 2488063 C 20100810; CN 1274785 C 20060913; CN 1649980 A 20050803; DE 10232279 A1 20040205; DE 10232279 B4 20061109; DE 50308975 D1 20080221; EP 1521816 A1 20050413; EP 1521816 B1 20080109; ES 2299707 T3 20080601; JP 2006503120 A 20060126; JP 4235613 B2 20090311; KR 20050028034 A 20050321; PT 1521816 E 20080415; TW 200401823 A 20040201; TW I295319 B 20080401; US 2005217987 A1 20051006; US 7077934 B2 20060718

DOCDB simple family (application)

EP 0306154 W 20030612; AT 03735606 T 20030612; AU 2003237925 A 20030612; CA 2488063 A 20030612; CN 03809568 A 20030612; DE 10232279 A 20020716; DE 50308975 T 20030612; EP 03735606 A 20030612; ES 03735606 T 20030612; JP 2004520389 A 20030612; KR 20057000788 A 20050114; PT 03735606 T 20030612; TW 92118372 A 20030704; US 52044205 A 20050106