

Title (en)

Process for limiting emissions during the operation of coke oven batteries.

Title (de)

Verfahren zur Begrenzung der Emissionen beim Betrieb von Verkokungssofenbatterien.

Title (fr)

Procédé pour l'élimination des émissions lors de l'exploitation des batteries de four à coke.

Publication

EP 0121229 A2 19841010 (DE)

Application

EP 84103402 A 19840328

Priority

DE 3311574 A 19830330

Abstract (en)

The emissions with tar-containing dust are extracted at the individual emission sources, for example where the ovens are charged with coal, at the coke oven doors and especially during pushing of coke. The emissions are extracted via hoods and fixed gas headers and then dedusted dry in a hose filter installation, the filters being cleaned by introducing compressed air at regular intervals. According to the invention, the complete hose filter installation is cleaned during the coke-pushing intervals by an injected compressed air surge into each individual filter hose, with the exit air fan running in the part-load range. If the filling gas emissions are also extracted, the complete hose filter installation is also cleaned during the coke-pushing intervals, while the filling gas emissions are extracted. Figure 1 should be attached to the abstract.

IPC 1-7

C10B 33/00

IPC 8 full level

C10B 31/00 (2006.01); **C10B 33/00** (2006.01); **C10B 45/00** (2006.01)

CPC (source: EP)

C10B 33/003 (2013.01)

Cited by

CN105396410A; CN111849520A; CN112138475A

Designated contracting state (EPC)

BE FR IT LU

DOCDB simple family (publication)

EP 0121229 A2 19841010; **EP 0121229 A3 19860319**; DE 3311574 A1 19841004; DE 3311574 C2 19881229; JP S59184286 A 19841019

DOCDB simple family (application)

EP 84103402 A 19840328; DE 3311574 A 19830330; JP 5968484 A 19840329