

Title (en)

METHOD FOR PRETREATING CHARGES CONTAMINATED WITH CARBON CARRIERS

Title (de)

VERFAHREN ZUM VORBEHANDELN VON MIT KOHLENSTOFFTRÄGERN KONTAMINIERTEN CHARGEN

Title (fr)

PROCÉDÉ DE PRÉTRAITEMENT DE CHARGES CONTAMINÉES AVEC DES PORTEURS DE CARBONE

Publication

**EP 2061730 A2 20090527 (DE)**

Application

**EP 07825071 A 20070907**

Priority

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- AT 15332006 A 20060914

Abstract (en)

[origin: WO2008032160A2] In a method for pretreating charges contaminated with carbon carriers, such as for example quantities of earth, soil, rock or minerals contaminated with carbon carriers and of low calorific value for use in clinker kilns, the said charges are introduced into a reactor (8) and heated or dried with gases. The heated gases are drawn off at temperatures below 1250°C, preferably 700-900°C, and the heated or dried charge is separately discharged at temperatures between 500°C and 1000°C, wherein the temperatures are set and maintained by regulating the fresh air supply, a water or water vapour supply, by regulating the feed rate of the charge and/or of process gases, such as for example tertiary air, and if required by burning fuels to stabilize the temperature distribution in the reactor (8). The gases drawn off from the reactor (8) are at least partially recirculated to the reactor (8) and/or fed to a precalcining stage and/or a preheating stage of the clinker kiln (1).

IPC 8 full level

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Citation (search report)

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