

Title (en)

Process for firing a material containing carbonates

Title (de)

Verfahren zum Brennen von karbonathaltigem Material

Title (fr)

Procédé de cuisson d'un matériau contenant des carbonates

Publication

EP 1148311 A3 20031203 (DE)

Application

EP 01810263 A 20010316

Priority

CH 7212000 A 20000411

Abstract (en)

[origin: US2001029005A1] In a method for burning carbonate-containing material the latter moves as a result of gravity in counter-current to the cooling and combustion air through a shaft kiln. The fuel supply takes place by means of burning lances introduced into the granular burning material at right angles to the shaft wall. On limiting the grain size and the residence time as a result of this type of fuel supply it is possible to achieve high burning temperatures even suitable for hard burning without there being any sintering together of the granular burning material.

IPC 1-7

F27B 1/00; **F27B 1/08**; **F27B 1/10**; **F27B 1/04**; **C04B 2/12**

IPC 8 full level

C04B 2/12 (2006.01); **F23G 5/24** (2006.01); **F27B 1/00** (2006.01); **F27B 1/04** (2006.01); **F27B 1/08** (2006.01); **F27B 1/10** (2006.01); **F27B 1/16** (2006.01)

CPC (source: EP US)

F23B 1/36 (2013.01 - EP US); **F23G 5/24** (2013.01 - EP US)

Citation (search report)

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