

Title (en)

Heat treatment device of fines.

Title (de)

Vorrichtung zur Wärmebehandlung von feinkörnigem Gut.

Title (fr)

Dispositif pour le traitement thermique de grains.

Publication

EP 0280005 A2 19880831 (DE)

Application

EP 88100189 A 19880108

Priority

DE 3701964 A 19870123

Abstract (en)

[origin: US4840561A] The invention relates to apparatus for the heat treatment of fine-grained material with a rotary drum furnace, a preheater and a combustion chamber for precalcination, in which the cover of the combustion chamber has a central recess which serves for spin stabilization and has the fuel supply provided in its base. Such a combustion chamber is distinguished by improved combustion conditions, particularly an improved mode of combustion.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung zur Wärmebehandlung von feinkörnigem Gut mit Drehrohrofen (4), Vorwärmer und Brennkammer (2) zur Vorcalcination, wobei die Decke der Brennkammer eine zur Drallstabilisierung dienende zentrale Einbuchtung (9) aufweist, deren Boden mit der Brennstoffzuführung (10) versehen ist.

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