

Title (en)  
ROTARY-DRUM FURNACE HAVING A COOLER

Publication  
**EP 0127733 B1 19870916 (DE)**

Application  
**EP 84102518 A 19840308**

Priority  
DE 3316974 A 19830509

Abstract (en)  
[origin: ES8502248A1] A rotary kiln has a sealable separating gap between the kiln outlet head and an inlet shaft leading to a cooler. In order that the shortest possible drop height for the fired material falling out of the discharge end of the rotating cylinder may be maintained despite the separating gap, interengaging steps and side openings defined thereby are formed in the side walls of the kiln outlet head and the inlet shaft, and sections of the separating gap which run at different heights open into the side openings and the horizontal distance between any two steps lying opposite one another corresponds approximately to the maximum displacement path of the kiln outlet head.

IPC 1-7  
**F27B 7/38**; **F27B 7/20**

IPC 8 full level  
**F27B 7/20** (2006.01); **F27B 7/38** (2006.01)

CPC (source: EP US)  
**F27B 7/38** (2013.01 - EP US)

Cited by  
DE3520927A1

Designated contracting state (EPC)  
BE DE FR GB

DOCDB simple family (publication)  
**EP 0127733 A2 19841212**; **EP 0127733 A3 19860319**; **EP 0127733 B1 19870916**; BR 8401906 A 19841211; DE 3316974 A1 19841115; DE 3466277 D1 19871022; ES 531677 A0 19841216; ES 8502248 A1 19841216; US 4554876 A 19851126; ZA 842153 B 19841128

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