

Title (en)

PROCESS AND PLANT FOR THE HEAT TREATMENT OF A FINE-GRAINED MATERIAL

Publication

EP 0133535 A3 19870107 (DE)

Application

EP 84109057 A 19840731

Priority

DE 3329234 A 19830812

Abstract (en)

[origin: EP0133535A2] In the process, for adjustment of the material temperature, in a heat treatment zone (4) following the cooling zone (3), a part flow of uncooled material is admixed to the material cooled in the cooling zone. As a result, the material temperature in the heat treatment zone can be kept constant even with changes in the material throughput quantity and the cooling air quantity being kept constant. <IMAGE>

IPC 1-7

F27B 7/20; F27D 13/00

IPC 8 full level

F27B 15/00 (2006.01)

CPC (source: EP)

F27B 15/003 (2013.01)

Citation (search report)

- [A] DE 2554989 A1 19770616 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] US 4366000 A 19821228 - WADIA DARIUS A
- [A] US 4381916 A 19830503 - WARSHAWSKY JAY
- [A] FR 2510984 A1 19830211 - KLOECKNER HUMBOLDT DEUTZ AG [DE]

Designated contracting state (EPC)

AT BE DE FR GB

DOCDB simple family (publication)

EP 0133535 A2 19850227; EP 0133535 A3 19870107; DE 3329234 A1 19850221; NO 843206 L 19850213

DOCDB simple family (application)

EP 84109057 A 19840731; DE 3329234 A 19830812; NO 843206 A 19840810