

Title (en)
SINTERING PLANT

Publication
EP 0268000 B1 19890405 (DE)

Application
EP 86890326 A 19861120

Priority
EP 86890326 A 19861120

Abstract (en)
[origin: EP0268000A1] 1. A sintering plant comprising a sintering furnace (1), which has an annular travelling grate (4) and a housing, which constitutes a supply hood (5) which adjoins the travelling grate (4) and serves to supply combustion air, and also constitutes wind boxes (6) which are disposed on that side of the grate which is opposite to the supply hood (5) and communicate via communicating lines (7) with at least one exhaust gas manifold (8), also comprising a cooler (2), which is connected to the material outlet (19) of the sintering furnace (1) and serves to cool the sintered material and consists of a revolving annular grate (21), which is disposed above an annular chamber (27) for supplying cooling air and serves to receive the sintered material, and an exhaust hood (28) for exhausting the heated cooling air above the annular grate (21) characterized in that the sintering furnace (1) and the cooler (3) for the sintered material are coaxially superimposed, the annular grate (21) of the cooler (2) and the travelling grate (4) of the sintering furnace (1) rotate in the same sense, and the exhaust hood (28) of the cooler (2) is connected to the supply hood (5) of the sintering furnace (1) via overflow passages (3), which are distributed around the periphery.

IPC 1-7
F27B 21/02; F27D 15/02; C22B 1/26

IPC 8 full level
C22B 1/26 (2006.01); **F27B 21/02** (2006.01); **F27D 15/02** (2006.01)

CPC (source: EP)
C22B 1/26 (2013.01); **F27B 21/02** (2013.01); **F27D 15/0273** (2013.01)

Cited by
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