

Title (en)

WASTE GAS CIRCULATION METHOD AND SYSTEM FOR SINTERING APPARATUS

Publication

EP 0141890 B1 19870506 (EN)

Application

EP 83402210 A 19831116

Priority

EP 83402210 A 19831116

Abstract (en)

[origin: EP0141890A1] Herein disclosed are a waste gas circulation method and system for conducting the same. These method and system are appropriate for effectively recovering waste heat from an on-strand type sintering apparatus (20) which has its sintering and cooling zones extending continuously along a horizontal strand. The hottest waste gases coming from the final stage of the sintering zone and the front stage of the cooling zone (163) are subjected to heat recovery, and sulfur oxides in the hottest gases are prevented from condensing on the water pipe or pipes of a waste-heat boiler (25) by preheating the water with the still hot waste gases coming from the downstream half of the cooling zone (164). Thus, it is possible to conduct the ore sintering operation of regenerative type while assuring that the boiler components in those heat exchanging operations will not be corroded by the waste gases.

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CPC (source: EP)

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