

Title (en)

Grate plate for a grate plate cooler.

Title (de)

Rostplatte für Schubrostkühler zum Abkühlen von heissem Gut.

Title (fr)

Plaque de grille pour refroidisseur à plaques mobiles.

Publication

EP 0634619 B1 19950524 (DE)

Application

EP 93111336 A 19930715

Priority

EP 93111336 A 19930715

Abstract (en)

[origin: EP0634619A1] In order to provide a grate plate construction for a grate plate cooler for cooling hot material such as, for example, cement clinker, which grate plate construction has at its top side hollows for receiving and retaining cooling material for the purpose of protecting the grate plate from thermal overstress, in which case these hollows are to be supplied with cooling air via cooling-air passages arranged in between and via air-outlet slots without the risk of them becoming clogged, a grate plate is proposed according to the invention in which several cooling-air passages (3) extending up to the top side (17) of the grate plate and delimiting the hollows (5) from one another are arranged in the grate plate body (1) parallel to the longitudinal axis (18) of the grate plate, and in which the dividing walls between the air passages (3) and the hollows (5) have air-outlet slots (4) which run parallel to the longitudinal axis (18) of the plate and are arranged directly above the baseplate (2) of the grate plate.
<IMAGE>

IPC 1-7

F27D 15/02

IPC 8 full level

F27D 15/02 (2006.01)

CPC (source: EP)

F27D 15/022 (2013.01)

Cited by

DE10216926A1; DE19954683A1; DE10015054A1; DE10355822A1; DE10355822B4; US6382963B2; LT5564B; US7484957B2; WO2005059462A3; WO2005052482A1; WO03087690A1; WO2013091633A1

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