Title (en)

SINTER COOLER WITH SEAL ARRANGEMENT TOWARDS TRAVELLING SINTER-BEARING CHAMBER

Title (de)

VORRICHTUNG ZUM KÜHLEN VON SINTERMATERIAL MIT DICHTUNGSANORDNUNG GEGENÜBER BEWEGBAREM SINTERGEFÄSS

Title (fr)

DISPOSITIF DE REFROIDISSEMENT D'AGGLOMÉRÉS FRITTÉS À JOINT ÉTANCHE ENVERS RÉCIPIENT AMOVIBLE DES AGGLOMÉRÉS

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Application

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Priority

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Abstract (en)

[origin: WO2011042101A1] This invention relates to a sinter cooler of a sintering plant for use in metallurgy, comprising a cooling-air chamber (3) and a sinter cooling chamber (1) including a perforated or slotted base plate (4), which can travel over the same e.g. by means of bogie wheels (2) running on a rail track, and comprising a cooling gas seal (5) including lower sealing walls (9), which extends between the cooling-air chamber (3) and the sinter cooling chamber (1) in the vicinity of the base plate wheel axle (7), wherein the cooling gas seal (5) carried along with the sinter cooling chamber (1) includes inner skirting plates (8) and/or outer sealing elements (6) each inserted into the sealing walls (9), wherein the respective skirting plate (8) or the respective sealing element (6) encloses the base plate wheel axle (7) with snug fit and is mounted on the sealing wall (9) so as to be freely movable relative to the base plate wheel axle (7).

IPC 8 full level

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