

Title (en)

COOLER FOR COOLING HOT BULK MATERIAL AND METHOD FOR PRODUCING SUCH A COOLER

Title (de)

KÜHLER ZUM KÜHLEN VON HEISSEM SCHÜTTGUT UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN KÜHLERS

Title (fr)

REFROIDISSEUR POUR REFROIDIR UN MATÉRIAU EN VRAC CHAUD ET PROCÉDÉ POUR PRODUIRE UN REFROIDISSEUR DE CE TYPE

Publication

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Application

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Abstract (en)

[origin: WO2017153268A1] The invention relates to a cooler (10) for cooling bulk material, particularly cement klinker, comprising a ventilation bottom (12) for receiving the bulk material, through which a cooling gas can flow, a first ventilation chamber (14) which is arranged above the ventilation bottom (12) and comprises a plurality of lateral walls (18), and a second ventilation chamber (16) which is arranged below the ventilation bottom (12) and comprises a plurality of lateral walls (20, 22, 24). At least one lateral wall (18, 20, 22, 24) of the first and/or second ventilation chamber (14, 16) comprises a material formed from a mixture of a filler and a binder. The invention also relates to a method for producing a cooler (10) for cooling bulk material, particularly cement klinker, comprising a ventilation bottom (12) for receiving the bulk material, through which a cooling gas can flow, a first ventilation chamber (14) which is arranged above the ventilation bottom (12) and comprises a plurality of lateral walls (18), and a second ventilation chamber (16) which is arranged below the ventilation bottom (12) and comprises a plurality of lateral walls (20, 22, 24), at least one of the lateral walls (18, 20, 22, 24) of the first and/or second ventilation chamber (14, 16) being cast from a material comprising a mixture of a filler and a binder.

IPC 8 full level

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