

Title (en)

BARRIER FOR REDUCING THE DUST EMISSIONS FOR A COOLER FOR COOLING WARM BULK MATERIAL

Title (de)

BEGRENZUNG ZUR VERMINDERUNG DER STAUBEMISSIONEN FÜR EINEN KÜHLER ZUM KÜHLEN VON HEISSEM SCHÜTTGUT

Title (fr)

LIMITATION DE LA RÉDUCTION DES ÉMISSIONS DE POUSSIÈRE POUR UN REFROIDISSEUR DE MATIÈRES EN VRAC CHAUDES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2016165926A1] The invention relates to a cooler (1) for cooling hot bulk goods (17), which cooler has a grate surface (16) for holding the hot bulk goods (17) to be treated, preferably iron ore sinter. The problem addressed by the invention is that of reducing the dust emissions and at the same time to also enable maintenance measures on the cooler (1). The problem is solved by means of a device which, in addition to the already present covers, which are located in the region of the feed point (2) and the removal point (3), provides for an additional boundary, which prevents the removal of dust particles of over 150 µm. The boundary consists of a stationary first wall (12) and a stationary second wall (11) and extends over a partial segment, preferably over the entire region of the uncovered grate surface (16). Furthermore, a supporting structure (18) is provided, to which the first wall (11) and the second wall (12) are fastened.

IPC 8 full level

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