

Title (en)

Method and apparatus of cooling hot bulk materials.

Title (de)

Verfahren und Einrichtung zur Kühlung von heissen Schüttgütern.

Title (fr)

Procédé et dispositif de refroidissement de matières chaudes en vrac.

Publication

EP 0041497 A1 19811209 (DE)

Application

EP 81890088 A 19810526

Priority

AT 287580 A 19800530

Abstract (en)

[origin: CA1158858A] Method and apparatus for cooling hot bulk material, such as red-hot coke, sinter, or clinker, and, in particular, for relieving a gas stream flowing through the hot bulk material to cool the same includes continuously charging hot bulk material into a cooler housing and onto the free surface of spread bulk material already contained within the cooler housing and cooling the hot bulk material by absorbing and removing the intensive heat radiation radiated from the surface of the hot bulk material in the radiation cooling surface extending over in facing relationship to the free surface of hot bulk material.

IPC 1-7

F27D 15/02; **F27B 7/38**; **C22B 1/26**; **C10B 7/02**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 81890088 A 19810526; AT 287580 A 19800530; AU 7118681 A 19810529; BR 8103524 A 19810601; CA 378530 A 19810528; DE 3173353 T 19810526; JP 8020581 A 19810528; US 26733781 A 19810526