

Title (en)

Process and apparatus for indirect cooling of a hot gas.

Title (de)

Verfahren und Vorrichtung zur indirekten Kühlung eines heissen Gases.

Title (fr)

Procédé et dispositif pour le refroidissement indirect d'un gaz chaud.

Publication

EP 0114444 A2 19840801 (EN)

Application

EP 83201842 A 19831223

Priority

NL 8300241 A 19830124

Abstract (en)

Process and apparatus for indirectly cooling a hot gas that contains impurities which, on cooling, deposit in the form of water-soluble solids, the hot gas being passed through a heat exchanger provided with tubes. A water film flows downwards along each of the tubes, and the water flowing away from beneath the tubes is discharged from the heat exchanger. Preferably use is made of a substantially vertical heat exchanger in which the gas is passed through the tubes and the water for the water film is fed onto a substantially horizontal tube plate in the top of the heat exchanger, to which tube plate the tubes are connected such that their ends project somewhat above the tube plate.

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