

Title (en)

METHOD FOR SUDDENLY COOLING HIGH-TEMPERATURE GAS

Title (de)

VERFAHREN ZUR SCHOCKKÜHLUNG VON HOCHTEMPERATURGASEN

Title (fr)

PROCEDE DE REFROIDISSEMENT ULTRARAPIDE DE GAZ HAUTE TEMPERATURE

Publication

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Application

**EP 04714282 A 20040225**

Priority

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Abstract (en)

[origin: WO2004090447A1] The invention relates to a quench device for suddenly cooling a hot gas stream with the aid of quench water. The inventive quench device comprises a gas supply line and a gas drainage pipe. Said quench water is at least partially cooled by means of a heat exchanger. In addition, said quench device is provided with a cooling water circuit for cooling the first area of the gas stream and with a second separate cooling circuit which cools a second area of the gas stream and is arranged downstream.

IPC 8 full level

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CPC (source: EP KR)

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