

Title (en)

GAS COOLING DEVICE FOR A COAL GASIFICATION PLANT

Publication

EP 0077851 B1 19860326 (DE)

Application

EP 81109673 A 19811113

Priority

CH 681281 A 19811026

Abstract (en)

[origin: US4493291A] The gas cooler arrangement includes a first pressure vessel in which heat is yielded by radiation and a following convection gas cooler. The pressure vessel of the convection gas cooler includes a faller flue and at least one riser flue for cooling the gas. The flues comprise heat-removing tubes which are parts of a steam generator. The bottom of the pressure vessel contains an ash collection chamber which is connected to the ends of the flues and which can be emptied via a suitable closure element.

IPC 1-7

C10J 3/86; **F22B 1/18**

IPC 8 full level

C10J 3/46 (2006.01); **C10J 3/86** (2006.01); **F22B 1/18** (2006.01)

CPC (source: EP US)

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Cited by

EP0085131A1; EP0366606A1; CH676603A5

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EP 0077851 A2 19830504; **EP 0077851 A3 19840201**; **EP 0077851 B1 19860326**; CH 656637 A5 19860715; DE 3174207 D1 19860430; JP S5880384 A 19830514; US 4493291 A 19850115; ZA 826078 B 19830629

DOCDB simple family (application)

EP 81109673 A 19811113; CH 681281 A 19811026; DE 3174207 T 19811113; JP 18622982 A 19821025; US 42131382 A 19820922; ZA 826078 A 19820820