

Title (en)

HOT-GAS COOLER WITH A PRESSURE CONTAINER

Publication

EP 0048325 A3 19820526 (DE)

Application

EP 81105938 A 19810728

Priority

CH 705280 A 19800919

Abstract (en)

[origin: US4385501A] The hot gas cooler has a cooling insert of tubes in the pressure vessel. At the hot gas entry end, the cooling insert is connected, to a hot gas source. The insert interior communicates with the gap between the insert and the pressure vessel for pressure compensation. The pressure-compensating communication is disposed near the hot gas entry and extends by way of an additional cooling path. In the event of a gas-side leakage of the cooling insert, hot gas cannot flow into the gap between the insert and the pressure vessel.

IPC 1-7

C10J 3/86; F22B 1/18

IPC 8 full level

F28F 11/00 (2006.01); **C10J 3/86** (2006.01); **F22B 1/18** (2006.01); **F28D 7/16** (2006.01)

CPC (source: EP US)

C10J 3/723 (2013.01 - EP US); **C10J 3/78** (2013.01 - EP US); **C10J 3/86** (2013.01 - EP US); **F22B 1/1846** (2013.01 - EP US)

Citation (search report)

- [X] DE 2726716 A1 19790104 - SIEGENER AG GEISWEID
- [A] DE 1596323 A1 19700402 - WALTHER & CIE AG

Cited by

US4936376A; DE4300776A1; EP0348850A1; CN102031156A; US8834584B2

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

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