

Title (en)

GAS-COOLER WITH LEAD TUBES FINNED ON THE INSIDE

Publication

EP 0004983 B1 19810325 (DE)

Application

EP 79200150 A 19790328

Priority

DE 2814828 A 19780406

Abstract (en)

[origin: ES479302A1] A heat exchanger for the cooling of a gas, especially a gas containing SO₂, comprises a tube bundle whose tubes, composed of lead, bridge a pair of tube sheets and can be provided with internal longitudinal ribs. According to the disclosure, the extruded cylindrical tubes are reshaped by indentations in a direction transverse to the longitudinal axis. The indentations may be annular or staggered.

IPC 1-7

F28F 1/08; **F28F 1/06**; **F28F 1/42**

IPC 8 full level

F28F 1/06 (2006.01); **F28F 1/08** (2006.01); **F28F 1/42** (2006.01)

CPC (source: EP US)

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Cited by

EP0283718A1; DE102014213491A1; EP0102407A1

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DOCDB simple family (publication)

EP 0004983 A1 19791031; **EP 0004983 B1 19810325**; DE 2814828 A1 19791018; DE 2814828 B2 19800925; DE 2814828 C3 19810709; DE 2960211 D1 19810416; ES 479302 A1 19791216; JP S54142647 A 19791107; US 4332294 A 19820601

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EP 79200150 A 19790328; DE 2814828 A 19780406; DE 2960211 T 19790328; ES 479302 A 19790404; JP 4153979 A 19790405; US 2689379 A 19790404