

Title (en)

High pressure feedwater preheater.

Title (de)

Hochdruck-Speisewasservorwärmer.

Title (fr)

Réchauffeur d'eau d'alimentation à haute pression.

Publication

**EP 0509298 B1 19950524 (DE)**

Application

**EP 92105389 A 19920328**

Priority

CH 111791 A 19910415

Abstract (en)

[origin: EP0509298A1] In a regenerative high-pressure feedwater preheater of upright construction with a U-shaped tube bank (9, 10), with built-in heat removal zone (4), with integrated, submerged undercooling zone (18) and with a water chamber (27, 28) lying below, the heat removal zone and the undercooling zone are each shielded with a cover (6 and 20 respectively) against the condensation zone. In the heat removal zone (4), a chamber (23), which is not flowed through by vapour, is arranged around the tube bank (10). <IMAGE>

IPC 1-7

**F22D 1/32**

IPC 8 full level

**F22D 1/32** (2006.01)

CPC (source: EP KR)

**F22D 1/32** (2013.01 - EP); **F28D 9/00** (2013.01 - KR)

Cited by

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Designated contracting state (EPC)

AT CH DE FR IT LI NL

DOCDB simple family (publication)

**EP 0509298 A1 19921021**; **EP 0509298 B1 19950524**; AT E123129 T1 19950615; AU 1404792 A 19921022; AU 654536 B2 19941110; CH 682692 A5 19931029; DE 59202292 D1 19950629; KR 100205274 B1 19990701; KR 920020178 A 19921120

DOCDB simple family (application)

**EP 92105389 A 19920328**; AT 92105389 T 19920328; AU 1404792 A 19920403; CH 111791 A 19910415; DE 59202292 T 19920328; KR 920006230 A 19920414