

Title (en)

FEED WATER HEATER FOR A STEAM GENERATOR

Publication

EP 0202967 B1 19890830 (FR)

Application

EP 86400758 A 19860409

Priority

FR 8506219 A 19850424

Abstract (en)

[origin: US4679529A] A steam generator feed water heater comprises a pressurized enclosure inside which is a heat exchanger through which the feed water is caused to flow. There is at least one horizontal condensate inlet tube, as well as at least one condensate outlet tube at a low point on the enclosure. A double screen device associated with the condensate inlet tube comprises an inner screen with a cylindrical side wall and, surrounding this inner screen, an outer screen having one end linked to the inner screen. A bottom wall common to both screens constitutes an impact wall facing the inner screen. Passage areas are provided by perforations in the screens not facing each other over most of the perimeter of their transverse cross-sections.

IPC 1-7

F22D 1/32

IPC 8 full level

F22B 37/22 (2006.01); **F22D 1/32** (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP US)

F22B 37/225 (2013.01 - EP US); **F22D 1/32** (2013.01 - EP US); **F24H 9/133** (2022.01 - EP US)

Cited by

US6105538A; EP2667092A1; WO9817948A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

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EP 86400758 A 19860409; AT 86400758 T 19860409; CA 507458 A 19860424; CN 86102780 A 19860423; DE 3665358 T 19860409; FR 8506219 A 19850424; JP 9352486 A 19860424; US 85395186 A 19860421