

Title (en)
Perforated flow distribution plate.

Title (de)
Strömungsverteilerlochplatte.

Title (fr)
Plaque perforée de distribution de l'écoulement.

Publication
EP 0183049 A1 19860604 (EN)

Application
EP 85113455 A 19851023

Priority
• US 67182184 A 19841115
• US 67182284 A 19841115

Abstract (en)
A steam generator, in which there is provided an annular foraminous or perforated flow distribution plate (100) at lower end of the heat exchange tube wrapper (146) preferably in the form of a conical frustum to impart uniform, non-turbulent, flow conditions to the infeed water (206) flowing downwardly through the downcomer region (148) of the generator and to prevent the entrance of foreign particles into the tube bundle section (208) of the generator.

IPC 1-7
F22B 1/02; **F28D 7/06**

IPC 8 full level
F22B 1/02 (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP KR)
F22B 1/025 (2013.01 - EP); **F22B 37/00** (2013.01 - KR); **F28F 9/0278** (2013.01 - EP)

Citation (search report)
• [Y] US 3916844 A 19751104 - CASSELL DON STUART
• [Y] FR 2458781 A1 19810102 - STEIN INDUSTRIE
• [A] DE 2720812 B1 19780316 - KRAFTWERK UNION AG
• [A] US 3076444 A 19630205 - ALAN BELL
• [A] FR 2182119 A1 19731207 - BABCOCK & WILCOX CO [US]
• [A] EP 0035450 A1 19810909 - FRAMATOME SA [FR]
• [A] US 3923007 A 19751202 - SCHRODER HEINZ-JURGEN

Cited by
EP0557173A1; FR2945104A1; EP0545800A1; FR2684433A1; US5390219A; EP0626536A1; FR2705759A1; US5566647A; EP0568434A1; FR2690504A1; US5323736A

Designated contracting state (EPC)
BE DE FR GB IT SE

DOCDB simple family (publication)
EP 0183049 A1 19860604; **EP 0183049 B1 19891018**; CN 1005283 B 19890927; CN 85108386 A 19860903; DE 3573827 D1 19891123; ES 548750 A0 19870901; ES 8708047 A1 19870901; KR 860004271 A 19860620

DOCDB simple family (application)
EP 85113455 A 19851023; CN 85108386 A 19851115; DE 3573827 T 19851023; ES 548750 A 19851111; KR 850008557 A 19851115