

Title (en)  
CONDENSATE EVACUATION SYSTEM FOR STEAM CONDENSORS HEAT EXCHANGERS

Publication  
**EP 0142598 A3 19870311 (DE)**

Application  
**EP 84104541 A 19840421**

Priority  
DE 3341246 A 19831115

Abstract (en)  
[origin: EP0142598A2] In a condensate removal device for temperature-controlled heat exchangers acted upon by steam, with a condensate outlet line which starts from a condensate outlet of the heat exchanger and runs via a condensate trap which has an aerating device, a non-condensable gas of greater density than water vapour is fed directly into the steam chamber or to a pipe opening into the steam chamber. <IMAGE>

IPC 1-7  
**F22D 11/00**

IPC 8 full level  
**F22D 11/00** (2006.01); **F28B 9/08** (2006.01)

CPC (source: EP)  
**F22D 11/00** (2013.01); **F28B 9/08** (2013.01)

Citation (search report)  
• [A] DE 821949 C 19511122 - HORST HESSE DR ING  
• [A] BE 353816 A  
• [A] US 2350197 A 19440530 - SCHNEIDER FRED B  
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• [A] GB 270378 A 19270502 - ENGLISH ELECTRIC CO LTD, et al  
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Designated contracting state (EPC)  
BE CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0142598 A2 19850529; EP 0142598 A3 19870311**; CA 1226860 A 19870915

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**EP 84104541 A 19840421**; CA 455525 A 19840531