

Title (en)  
STEAM CONDENSER

Publication  
**EP 0325758 B1 19910306 (DE)**

Application  
**EP 88121053 A 19881216**

Priority  
CH 23088 A 19880122

Abstract (en)  
[origin: US4967833A] In a steam condenser in which the steam is condensed on tubes which are grouped together in separate nests (2) and through which cooling water flows, the tubes, arranged in rows, of a nest enclosing a hollow space (13), a cooler (14) for the non-condensable gases is arranged in the hollow space. Two nests (2) are provided which are at a distance from one another and to which steam is admitted over their entire periphery, the nest form, irrespective of the external form of the condenser, being selected in such a way that first of all a convergent flow channel (15)-accelerating the steam-and then adjoining it a divergent retaining part (16)-deflecting the steam-are formed between the nests (2) on the one side and also between one nest each and the condenser wall. The cooler (14) for the non-condensable gases is located inside a nest in the plane in which, outside the nest, the convergent steam channel merges into the divergent part.

IPC 1-7  
**F28B 1/02**; **F28B 9/10**

IPC 8 full level  
**F28B 1/02** (2006.01); **F28B 9/10** (2006.01)

CPC (source: EP US)  
**F28B 1/02** (2013.01 - EP US); **F28B 9/10** (2013.01 - EP US); **Y10S 165/211** (2013.01 - EP US)

Cited by  
EP0967451A1; DE4141132C1; EP0619466A3; DE19642100A1; US5941301A; EP0841527A3; WO2013117730A2; US9453428B2

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**EP 88121053 A 19881216**; AU 2861889 A 19890119; CA 588406 A 19890117; DE 3861964 T 19881216; ES 88121053 T 19881216; US 29738889 A 19890117; YU 239088 A 19881229