

Title (en)
Steam condenser

Title (de)
Dampfkondensator

Title (fr)
Condenseur de vapeur

Publication
EP 0795729 B1 20000927 (DE)

Application
EP 97810090 A 19970224

Priority
DE 19610237 A 19960315

Abstract (en)
[origin: EP0795729A2] The pipes (13) of a bundle in the steam condenser are arranged in rows. They enclose a hollow space (19), in which an air cooler (3) for a residual steam and inert gas mixture is arranged. The base of the air cooler has an inclination over the total length of the pipe rows, so that the condensate falling into the air cooler into a compartment (10), because of the base inclination flows to an adjoining compartment with a deeper air cooler base through a number of holes in the support plates (5). The non-condensable gases from the air cooler coming into a compartment flow into a common suction channel (4) for all compartments, and which extends over the entire length of the pipes.

IPC 1-7
F28B 9/08; F28B 9/10; F28B 1/00

IPC 8 full level
F28B 1/00 (2006.01); **F28B 1/02** (2006.01); **F28B 9/08** (2006.01); **F28B 9/10** (2006.01)

CPC (source: EP US)
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