

Title (en)
Steam condenser

Title (de)
Dampfkondensator

Title (fr)
Condenseur de vapeur

Publication
EP 0619466 B1 19971119 (DE)

Application
EP 94103311 A 19940304

Priority
DE 4311118 A 19930405

Abstract (en)
[origin: EP0619466A2] In a steam condenser, the steam is precipitated onto tubes (pipes) (13) through which cooling water flows and which are combined into separate bundles. Each bundle is subdivided into compartments by support plates arranged perpendicular to the tubes. The tubes of a bundle, which are arranged in rows, enclose a cavity (19) in which there is arranged a cooler (3) for the non-condensable gases. The non-condensable gases pass from the cooler (3) via orifices (6) into a suction channel (4) which is common to all the compartments and extends over the entire length of the tubes (13). There is only one cooler (3), which is immediately adjoined by the suction channel (4), and the through-flow cross-sections of the orifices (6) in the compartments are dimensioned such that given the locally available pressure difference the local, non-condensable mass flow is exhausted. <IMAGE>

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 9/10 (2013.01 - EP US)

Cited by
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CH DE LI SE

DOCDB simple family (publication)
DE 4311118 A1 19941006; DE 59404596 D1 19980102; EP 0619466 A2 19941012; EP 0619466 A3 19951213; EP 0619466 B1 19971119; US 5465784 A 19951114

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DE 4311118 A 19930405; DE 59404596 T 19940304; EP 94103311 A 19940304; US 22291894 A 19940405