

Title (en)
INSTALLATION FOR CONDENSING STEAM

Title (de)
ANLAGE ZUR KONDENSATION VON DAMPF

Title (fr)
INSTALLATION POUR LA CONDENSATION DE VAPEUR

Publication
EP 3201550 A1 20170809 (DE)

Application
EP 14792731 A 20140929

Priority
DE 2014100345 W 20140929

Abstract (en)
[origin: WO2016050228A1] The invention relates to an installation for condensing steam (1), having the following features: a) each pair of tube bundles (2) is connected at its respective upper ends (3) to steam distribution lines (4) for introducing steam into the tube bundles (2), and at its respective lower ends (5) to condensate collectors (6) for receiving condensate from the tube bundles (2); b) the tube bundles (2) are arranged in a V shape such that the steam distribution lines (4) of a pair of tube bundles (2) are further apart from one another than are the condensate collectors (6) of the pair of tube bundles (2), such that the condensate collectors (6) are arranged in the region of a lower vertex (7) of the V-shaped arrangement; c) at least one aspirating fan (8) is arranged above the pair of tube bundles (2) in the region between the steam distribution lines (4); d) the fan (8) is borne by a central supporting pillar (9) which extends from the fan (8) to the vertex (7); e) the tube bundles (2) are mounted on a supporting bracket (13) which extends in the longitudinal direction of the vertex (7) and is connected to the central supporting pillar (9); f) the tube bundles (2) are self-supporting.

IPC 8 full level
F28B 1/06 (2006.01)

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F01K 9/003 (2013.01 - US); **F28B 1/06** (2013.01 - EP KR US); **F28B 9/04** (2013.01 - KR)

Citation (search report)
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Cited by
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