

Title (en)
WATER SEPARATOR

Title (de)
WASSERABSCHEIDER

Title (fr)
SEPARATEUR D'EAU

Publication
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Application
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Abstract (en)
[origin: WO9414001A1] A water separator (1) is customarily incorporated into the evaporation system of a steam generator with combined circulation. The water separator (1) to separate water from a water-steam mixture comprises a number of inlet pipes (4) arranged at an oblique angle of inclination (a) distributed around the circumference of a container (2) and a water outlet aperture (8) beneath the openings (10) of the inlet pipes (4) and an outlet aperture (6) for damp steam above the openings (10) of the inlet pipes (4). According to the invention, the central axes (M) of the inlet pipes (4) intersect at a point (P) beneath the openings (10) of the inlet pipes (4), on the vertical axis (A) of the container (2). With such a water separator (1), first of all steam-free water is separated out and also the remaining damp steam can easily flow off.

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