

Title (en)
WATER SEPARATOR.

Title (de)
WASSERABSCHEIDER.

Title (fr)
SEPARATEUR D'EAU.

Publication
EP 0673489 A1 19950927 (DE)

Application
EP 94900740 A 19931201

Priority
• DE 9301141 W 19931201
• DE 4242144 A 19921214

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.

IPC 1-7
F22B 37/28

IPC 8 full level
F22B 37/28 (2006.01)

CPC (source: EP)
F22B 37/28 (2013.01)

Citation (search report)
See references of WO 9414001A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 4242144 A1 19940616; DE 4242144 C2 19951214; CZ 141695 A3 19951018; CZ 282076 B6 19970514; DE 59302766 D1 19960704; EP 0673489 A1 19950927; EP 0673489 B1 19960529; SK 75395 A3 19951108; WO 9414001 A1 19940623

DOCDB simple family (application)
DE 4242144 A 19921214; CZ 141695 A 19931201; DE 59302766 T 19931201; DE 9301141 W 19931201; EP 94900740 A 19931201; SK 75395 A 19931201