

Title (en)
WATER-STEAM SEPARATOR

Title (de)
WASSER-DAMPF-TRENNEINRICHTUNG

Title (fr)
INSTALLATION DE SEPARATION EAU/VAPEUR

Publication
EP 0769118 B1 19980610 (DE)

Application
EP 93918915 A 19930825

Priority
• DE 9300774 W 19930825
• DE 4229847 A 19920907

Abstract (en)
[origin: DE4229847A1] A device (1) for separating water (W) from steam (D) of a water-steam mixture has two collectors (2, 3) horizontally arranged at different heights and interconnected by a connecting pipe (6). Besides the connecting pipe (6), the lower first collector (2) has an inlet pipe (8) for the water-steam mixture as well as a water outlet pipe (10) for the separated water (W). The overlying second collector (3) has besides the connecting pipe (6) a steam outlet pipe (14) for the separated steam (D). This device (1), which works on the basis of the principle of gravity separation, is particularly elastic from a thermal point of view and therefore ensures a reliable operation even at high temperature gradients.

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F22B 37/26; B01D 45/02

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DE 4229847 A1 19940310; CA 2143859 A1 19940317; CN 1083908 A 19940316; CN 1092775 C 20021016; CZ 282952 B6 19971112; CZ 54395 A3 19950913; DE 59308675 D1 19980716; DK 0769118 T3 19990329; EP 0769118 A1 19970423; EP 0769118 B1 19980610; JP 3188271 B2 20010716; JP H08501141 A 19960206; SK 29695 A3 19950711; US 5727505 A 19980317; WO 9405951 A1 19940317

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