

Title (en)

DEVICES FOR SEPARATING CLEANING BODIES IN PIPE HEAT EXCHANGERS FROM THEIR CARRYING FLUIDS

Publication

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Application

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Priority

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Abstract (en)

[origin: ES8402518A1] The invention relates to a device for separating, from the fluid (F) which transports them, the cleaning bodies (2) leaving the tubes of an exchanger with this fluid after having cleaned these tubes, which device comprises two stages for gathering together the bodies respectively in two transverse direction X and Y perpendicular to each other, namely a first stage formed by an oblique grid (4) and a second stage formed by a hopper (6) converging toward the downstream direction, which hopper has a permeable wall (7) parallel to direction Y and is elongate in this direction. A bridge (9) is provided across the hopper, which bridge extends on each side of this hopper in direction X, but not in direction Y, which creates in the downstream region of the hopper swirls preventing any clogging up of the wall (7).

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