

Title (en)

COOLING WATER CIRCUIT OF A TUBE HEAT EXCHANGER WITH AN ARRANGEMENT FOR INTRODUCING AND SEPARATING SPHERICAL CLEANING ELEMENTS

Publication

EP 0148509 B1 19860611 (DE)

Application

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Priority

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Abstract (en)

[origin: EP0148509A1] 1. A cooling water circuit of a tubular heat exchanger (4) or the like having means for the introduction and separation of spherical cleaning members in the form of a screening device (5) disposed after the heat exchanger (4) and separating the cleaning members from the cooling water line (1) and a screen-like interceptor (10) connected to the cooling water line (1) in parallel to the heat exchanger (4), the flow and departure tubes (8, 16) and the emptying tube (18) of the interceptor (10) each having a shutoff element (9, 15, 13 respectively), characterised in that the discharge tube (16) of the interceptor (10) is connected to the cooling water line (1) or the like at a place where the water pressure is lower than in the screening device (5) and the interceptor (10) has a bottom shutoff member (13) and has the emptying tube (18) disposed above the cooling water line (1) or above a fall trap (23) flowed through by the cooling water.

IPC 1-7

F28G 1/12

IPC 8 full level

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CPC (source: EP)

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Cited by

US6070652A; FR2668083A1; EP0728286A4; FR2939338A1; EP2239064A1; AU670886B2; US5630471A; US4865121A; EP0417332A1; US8474082B2; WO9500811A1; WO02055174A1

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