

Title (en)

SYSTEM AND METHOD FOR CLEANING THE HEAT EXCHANGER OF A BOILER USING SHOCK WAVES

Title (de)

SYSTEM UND VERFAHREN ZUR REINIGUNG DES WÄRMETAUSCHERS EINES KESSELS MITTELS STOSSWELLEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE NETTOYAGE PAR ONDES DE CHOC POUR ÉCHANGEUR THERMIQUE D'UNE CHAUDIÈRE

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Application

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Abstract (en)

[origin: WO2021001606A1] The invention relates chiefly to a cleaning system (1), designed to generate shock waves from a pressurized gas and direct them against the surface of the exchanger, which system (1) comprises at least one cleaning device (10) comprising a high-pressure first chamber (2) intended to be fluidically connected to a pressurized-gas reservoir (3) so as to supply said first chamber (2) with high-pressure gas, a low-pressure second chamber (4) comprising a discharge orifice (5) for the shockwave (6), and a triggering device (7) that can be operated reversibly between a closed position that prevents fluidic communication between said first and second chambers (2, 4) and an open position that places said chambers (2, 4) in fluidic communication.

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