

Title (en)

WATER LANCE BLASTER FOR CLEANING HEAT EXCHANGERS

Title (de)

WASSERLANZENBLÄSER ZUR REINIGUNG VON WÄRMEÜBERTRAGERN

Title (fr)

SOUFFLEUR A LANCE A EAU POUR NETTOYAGE D'ECHANGEURS DE CHALEUR

Publication

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Application

EP 97944814 A 19970901

Priority

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- EP 9704729 W 19970901

Abstract (en)

[origin: DE19637700A1] A water lance blaster for cleaning heat exchangers is disclosed. A box (34) with reinforcing metal sheets (3) is fixed in the hatch of the combustion chamber wall and the cardan joint (5) is fixed by a joint holder (6) in a bore (4). The nozzle head (9) with a blow tube (10) is screwed into the mouth (8) of the blasting tube. An anti-swirling vane (13) is set into the cylindrical part of the blow tube (10). Spindles (14; 15) are joined together by a transmission shaft (16) and angular gears (17). A ring (21) is set into the recess of the bearing housing (19) and a pressure ring (22) with fastening holes (36) is slipped over the guiding tube (20). An angular graduated scale (24) is arranged on the top arm (23) of the holder for the blow tube (10) and a pointer (26) which extends over the angular graduated scale (24) is arranged on the outer side of the cage (25) in which the blow tube (10) is mounted. Another angular graduated scale (27) is set on the outer side of the cage (25), in its horizontal centre line, and a dowel pin (28) is inserted into the sleeve (37) that receives the blow tube (10), in the vertical middle line of the cage (25).

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