

Title (en)

DRIVING SYSTEM FOR A WATER JET BLOWER

Title (de)

ANTRIEBSSYSTEM FÜR EINEN WASSERLANZENBLÄSER

Title (fr)

SYSTEME D'ENTRAÎNEMENT D'UNE SOUFFLANTE POUR LANCE A EAU

Publication

EP 0828985 A1 19980318 (DE)

Application

EP 96916172 A 19960530

Priority

- DE 19519780 A 19950530
- EP 9602325 W 19960530

Abstract (en)

[origin: WO9638703A1] A water jet blower for cleaning thermal installations has a water lance (6) movably arranged (5) with its mouth on or in a hatch (2). The water lance (6) can project a water jet on the wall areas that can be reached from the hatch (2) through the thermal installation in operation filled with flames and/or smoke gas. The water jet blower may be moved by at least one moving element (8.1, 8.2, 8.3) joined at one end to the water jet blower and at the other end directly joined to the thermal installation. Displacement sensors are provided to accurately determine the position of the water lance (6). Preferably three moving elements (8.1, 8.2, 8.3) are used whose attachment points (9.1, 9.2, 9.3) form with the point of displacement (5) of the water lance (6) in particular angles from approximately 80 DEG to 140 DEG . This water jet blower may be used even in unfavourable conditions, as far as the space available is concerned, and can project any desired, predeterminable patterns with various speed profiles.

IPC 1-7

F28G 3/16; **F23J 3/00**

IPC 8 full level

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CPC (source: EP)

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