

Title (en)

Compact water lance blower of modular construction

Title (de)

Kompakter Wasserlanzenbläser modularer Bauart

Title (fr)

Soufflerie compacte pour lance à eau de construction modulaire

Publication

EP 1473515 B1 20060524 (DE)

Application

EP 04018671 A 20010301

Priority

- DE 10009818 A 20000301
- EP 01923614 A 20010301

Abstract (en)

[origin: US2003070629A1] A water lance blower for cleaning heat installations is disclosed. A water lance linked with a water feed conduit system is swivel-mounted with its orifice disposed in a hatch. The water lance can blow a jet of water through the heating installation in operation and through which flames and/or flue gases are guided to wall areas that can be reached from the hatch. The water lance blower is provided with a drive system with at least two drive units that control the water lance, and with a holding device that fastens the water lance blower onto the heating installation. Further, parts of the water feed conduit system are integrated onto the holding device, thereby substantially limiting the size of the water lance blower to the swivel range of the water lance.

IPC 8 full level

F23J 3/00 (2006.01); **F28G 3/16** (2006.01); **F28G 15/02** (2006.01)

CPC (source: EP US)

F23J 3/00 (2013.01 - EP US); **F28G 3/16** (2013.01 - EP US); **F28G 15/02** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2003070629 A1 20030417; **US 6691646 B2 20040217**; AT E282177 T1 20041115; AT E327477 T1 20060615; AU 5034401 A 20010912; CA 2401808 A1 20010907; CN 100348904 C 20071114; CN 101149153 A 20080326; CN 101149153 B 20131204; CN 1406326 A 20030326; DE 10009818 A1 20010906; DE 50104479 D1 20041216; DE 50109910 D1 20060629; EP 1259761 A1 20021127; EP 1259761 B1 20041110; EP 1473515 A2 20041103; EP 1473515 A3 20041117; EP 1473515 B1 20060524; PL 201153 B1 20090331; PL 365125 A1 20041227; WO 0165179 A1 20010907

DOCDB simple family (application)

US 23723102 A 20020903; AT 01923614 T 20010301; AT 04018671 T 20010301; AU 5034401 A 20010301; CA 2401808 A 20010301; CN 01805877 A 20010301; CN 200710180234 A 20010301; DE 10009818 A 20000301; DE 50104479 T 20010301; DE 50109910 T 20010301; EP 0102287 W 20010301; EP 01923614 A 20010301; EP 04018671 A 20010301; PL 36512501 A 20010301