

Title (en)  
WATER LANCE BLOWER WITH MONITORING DEVICE FOR THE QUALITY OF THE WATER JET, AND METHOD FOR OPERATING THE SAME

Title (de)  
WASSERLANZENBLÄSER MIT ÜBERWACHUNGSEINRICHTUNG FÜR DIE QUALITÄT DES WASSERSTRAHLS UND VERFAHREN ZU DESSEN BETRIEB

Title (fr)  
SOUFFLERIE DE LANCE A EAU AVEC DISPOSITIF DE SURVEILLANCE POUR LA QUALITE DU JET D'EAU ET PROCEDE PERMETTANT DE L'ACTIONNER

Publication  
**EP 1259762 B1 20051214 (DE)**

Application  
**EP 01909805 A 20010301**

Priority  
• DE 10009831 A 20000301  
• EP 0102288 W 20010301

Abstract (en)  
[origin: DE10009831A1] Device has water lance (1) with nozzle (13) for water jet and mouthpiece (2). Lance is movably arranged with its mouthpiece on or in hatch. Jet (4) can be blown onto wall regions reachable from hatch through operating heating system (21), which carries flows of flame and/or flue gases. Lance has one sensor (12), e.g. of sound in solids, for detecting at least one water jet quality monitoring parameter. Independent claims are also included for the following: a method of operating a water lance blower.

IPC 1-7  
**F23J 3/02**; **F28G 15/00**

IPC 8 full level  
**F23J 3/02** (2006.01); **F28G 15/00** (2006.01)

CPC (source: EP US)  
**F23J 3/023** (2013.01 - EP US); **F28G 15/00** (2013.01 - EP US)

Cited by  
WO2007090568A1; US8151739B2

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DE FR GB

DOCDB simple family (publication)  
**DE 10009831 A1 20010913**; AU 3742201 A 20010912; DE 50108379 D1 20060119; EP 1259762 A1 20021127; EP 1259762 B1 20051214; US 2003047196 A1 20030313; US 6715499 B2 20040406; WO 0165180 A1 20010907

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