

Title (en)

Cleaning device and method for cleaning a work piece

Title (de)

Reinigungsvorrichtung und Verfahren zur Reinigung eines Werkstücks

Title (fr)

Dispositif de nettoyage et procédé de nettoyage d'une pièce

Publication

**EP 2276587 A2 20110126 (DE)**

Application

**EP 09753728 A 20090408**

Priority

- EP 2009054226 W 20090408
- DE 102008019456 A 20080418

Abstract (en)

[origin: WO2009144073A2] In order to provide a cleaning device comprising a cleaning chamber for holding a work piece to be cleaned, a fluid transfer apparatus for transferring at least one fluid to the cleaning chamber and/or from the cleaning chamber, wherein the fluid transfer apparatus comprises at least one nozzle in the form of a slit nozzle extending along a slit axis, said nozzle providing for the introduction of the at least one fluid to the cleaning chamber or the removal thereof from the cleaning chamber perpendicular to the slit axis, said cleaning device providing an especially good cleaning effect, it is proposed that the cleaning device comprise a slit nozzle movement apparatus for moving at least a part of the slit nozzle.

IPC 8 full level

**B08B 3/02** (2006.01)

CPC (source: EP US)

**B08B 3/024** (2013.01 - EP US); **B08B 9/093** (2013.01 - EP US)

Citation (search report)

See references of WO 2009144073A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008019456 A1 20091105; DE 102008019456 B4 20190926;** CN 102006945 A 20110406; CN 102006945 B 20130116;  
EP 2276587 A2 20110126; EP 2276587 B1 20120919; PL 2276587 T3 20130228; US 2011088726 A1 20110421; US 8006710 B2 20110830;  
WO 2009144073 A2 20091203; WO 2009144073 A3 20100311

DOCDB simple family (application)

**DE 102008019456 A 20080418;** CN 200980113549 A 20090408; EP 09753728 A 20090408; EP 2009054226 W 20090408;  
PL 09753728 T 20090408; US 90675910 A 20101018