

Title (en)

METHOD FOR MICRO-CLEANING A SUPPORT AND APPARATUS FOR IMPLEMENTING SAME

Title (de)

VERFAHREN ZUR MIKROREINIGUNG EINES TRÄGERS UND VORRICHTUNG ZUR DURCHFÜHRUNG DESVERFAHRENS

Title (fr)

PROCEDE DE MICRO-NETTOYAGE D'UN SUPPORT ET INSTALLATION POUR SA MISE EN OEUVRE

Publication

EP 0616564 B1 19960918 (FR)

Application

EP 93902324 A 19921211

Priority

- FR 9115567 A 19911211
- FR 9115568 A 19911211
- FR 9201177 W 19921211

Abstract (en)

[origin: WO9311908A1] A method for dry micro-cleaning by spraying abrasive powders having a very small particle size (0-200 micrometres). The method comprises spraying a support to be blasted with a micro-abrasive spray produced by the continuous high-speed movement of a multiplicity of thin compressed air streams which are loaded with low-kinetic energy abrasive particles, and moving the resulting micro-abrasive spray along the whole length of the support to be blasted. The micro-abrasive spray is formed through a spraying wheel (10) provided with multiple fine abrasive spray nozzles (6), whereby close blasting with light surface contact may be achieved, and ashlar supports and the like may be cleaned of all kinds of dirt and deposits.

IPC 1-7

B24C 5/04; **B24C 3/06**

IPC 8 full level

B24C 3/06 (2006.01); **B24C 5/02** (2006.01); **B24C 5/04** (2006.01)

CPC (source: EP US)

B24C 3/062 (2013.01 - EP US); **B24C 5/04** (2013.01 - EP US)

Cited by

CN105690184A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9311908 A1 19930624; AT E142925 T1 19961015; AU 3356793 A 19930719; AU 668128 B2 19960426; BR 9206919 A 19951121; CA 2125187 A1 19930624; CA 2125187 C 20010828; CZ 142394 A3 19941215; CZ 285789 B6 19991117; DE 69213959 D1 19961024; DE 69213959 T2 19970430; DK 0616564 T3 19970317; EP 0616564 A1 19940928; EP 0616564 B1 19960918; ES 2094523 T3 19970116; FI 101521 B1 19980715; FI 101521 B 19980715; FI 942741 A0 19940610; FI 942741 A 19940705; GR 3021463 T3 19970131; JP 3372543 B2 20030204; JP H07501754 A 19950223; NO 301366 B1 19971020; NO 942164 D0 19940610; NO 942164 L 19940610; US 5558562 A 19960924

DOCDB simple family (application)

FR 9201177 W 19921211; AT 93902324 T 19921211; AU 3356793 A 19921211; BR 9206919 A 19921211; CA 2125187 A 19921211; CZ 142394 A 19921211; DE 69213959 T 19921211; DK 93902324 T 19921211; EP 93902324 A 19921211; ES 93902324 T 19921211; FI 942741 A 19940610; GR 960402818 T 19961024; JP 51067393 A 19921211; NO 942164 A 19940610; US 24478794 A 19940609