

Title (en)  
APPARATUS FOR SPRAYING AN ABRASIVE MIXTURE TOWARDS A DELICATE SURFACE FOR REMOVING WRITINGS, DRAWINGS OR GRAFFITI THEREFROM

Title (de)  
VORRICHTUNG ZUM SPRÜHEN EINER ABRASIVEN MISCHUNG AUF EINE EMPFINDLICHE OBERFLÄCHE ZUM ENTFERNEN VON SCHRIFTZÜGEN, ZEICHNUNGEN ODER GRAFFITI

Title (fr)  
APPAREIL DE PULVÉRISATION D'UN MÉLANGE ABRASIF VERS UNE SURFACE DÉLICATE PERMETTANT D'EN RETIRER DES ÉCRITURES, DES DESSINS OU DES GRAFFITIS

Publication  
**EP 3300836 A1 20180404 (EN)**

Application  
**EP 17193107 A 20170926**

Priority  
IT 201600097204 A 20160928

Abstract (en)  
An apparatus manually transportable by an operator for spraying an abrasive mixture (M) for removing writings, drawings or graffiti therefrom, towards a delicate surface (S). The apparatus can be used with means (5) for supplying air (G) and second means (7) for supplying water (H) and comprising an inlet port (15) fluidically connectable with the first air inlet means (5), at least one tank (21) for an abrasive powder (A), a first Venturi effect mixing chamber (31) having an outlet (34) for a first air (G) - abrasive powder (A) mixture. The apparatus further comprises at least one spray lance (51) manually operable by the operator, the apparatus comprising a second mixing chamber (55) having a third inlet (56) fluidically connected with the first outlet (34) for the inflow of the air (G) - abrasive powder (A) mixture, a fourth inlet (57) fluidically connectable with the second means (7) for supplying water (H) and an outlet (58) for the abrasive mixture (M) formed by water (H) and by the first air (G) - abrasive powder (A) mixture. The spray lance (51) further comprises at least one outlet nozzle (59) fluidically connected with the outlet (58) of the second mixing chamber (55) to spray the abrasive mixture (M) towards the delicate surface (S). In particular, the second mixing chamber (55) is arranged in the proximity of the outlet nozzle (59) so as to prevent the abrasive mixture (M) from depositing upstream of the second mixing chamber (55).

IPC 8 full level  
**B24C 7/00** (2006.01); **B05B 7/14** (2006.01)

CPC (source: EP)  
**B05B 7/1445** (2013.01); **B05B 7/1463** (2013.01); **B05B 7/149** (2013.01); **B24C 5/04** (2013.01); **B24C 7/0046** (2013.01); **B24C 3/32** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3300836 A1 20180404; EP 3300836 B1 20200610; IT 201600097204 A1 20180328**

DOCDB simple family (application)  
**EP 17193107 A 20170926; IT 201600097204 A 20160928**