

Title (en)

MOVABLE MACHINE FOR JETTING A LIQUID JET, FOR EXAMPLE PAINT ON A FIXED HORIZONTAL SURFACE FOR FORMING A LINE

Title (de)

BEWEGLICHE MASCHINE ZUM SPRITZEN EINES FLÜSSIGKEITSSTRAHLS, BEISPIELSGEWEISE FARBE, AUF EINE FESTSTEHENDE HORIZONTALE FLÄCHE ZUR BILDUNG EINER LINIE

Title (fr)

MACHINE MOBILE POUR PROJETER SUR UNE SURFACE HORIZONTALE FIXE UN JET DE LIQUIDE PAR EXEMPLE DE LA PEINTURE EN VUE DE LA FORMATION D'UNE LIGNE.

Publication

EP 1743073 A1 20070117 (FR)

Application

EP 05742938 A 20050331

Priority

- EP 2005051465 W 20050331
- FR 0403936 A 20040415

Abstract (en)

[origin: WO2005111309A1] The inventive machine for jetting a liquid paint jet on a fixed horizontal surface on which it moves comprises a liquid paint container (5), at least one spray nozzle (6) and a pump (7) peristaltic with respect to a connection to said liquid paint container (5) and to the spray nozzle (6) by means of a paint supplying circuit (13) provided with remotely control tap (14). Said circuit (13) comprises a pressure regulator (21) which is arranged upstream of the tap (14) and comprises a first feeding output of the spray nozzle (6) and a second output connected to the container (5), wherein said second output delivers a paint flow in the container when the pressure of a paint flow in the regulator (21) is equal or greater than a calibration value. A sealed air-filled volume (23) forming an expansion chamber is connected to the circuit.

IPC 8 full level

E01C 23/22 (2006.01); **A63C 19/08** (2006.01)

CPC (source: EP)

A63C 19/08 (2013.01); **E01C 23/22** (2013.01)

Citation (search report)

See references of WO 2005111309A1

Cited by

CN112176845A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2868961 A1 20051021; **FR 2868961 B1 20060616**; AT E395468 T1 20080515; DE 602005006787 D1 20080626; EP 1743073 A1 20070117; EP 1743073 B1 20080514; WO 2005111309 A1 20051124; WO 2005111309 A8 20060914

DOCDB simple family (application)

FR 0403936 A 20040415; AT 05742938 T 20050331; DE 602005006787 T 20050331; EP 05742938 A 20050331; EP 2005051465 W 20050331