

Title (en)

DEVICE FOR THE CONTROLLED DISPLACEMENT OF A SPRAY NOZZLE TO INDIVIDUAL SPRAY POINTS, IN PARTICULAR FOR SPRAYING FLUX IN WAVE SOLDERING UNITS

Title (de)

VORRICHTUNG ZUM GESTEUERTEN VERSCHIEBEN EINER SPRITZDÜSE ZU EINZELNEN SPRITZPUNKTEN, INSbesondere zum AUFSPRITZEN von FLUSSMITTEL IN SCHWALLLÖTANLAGEN

Title (fr)

DISPOSITIF POUR LE DÉPLACEMENT DIRIGÉ D'UNE BUSE D'INJECTION EN DES POINTS D'INJECTION INDIVIDUELS, NOTAMMENT POUR INJECTER UN FONDANT DANS DES INSTALLATIONS DE BRASAGE À LA VAGUE

Publication

EP 2049298 A1 20090422 (DE)

Application

EP 07786154 A 20070718

Priority

- EP 2007006380 W 20070718
- DE 102006036773 A 20060807

Abstract (en)

[origin: WO2008017367A1] The invention relates to a device for the controlled displacement of an upwardly directed (5) spray nozzle to individual spray points which are arranged at a distance from one another, in particular for spraying flux in wave soldering units. The spray nozzle is arranged axially on a shaft (13, 7) which is rotated by a rotary drive (14) and on which a deflecting force directed radially relative to the shaft acts in such a way that, during rotation of the shaft, the spray nozzle performs a closed annular movement (18), the contour of which is defined in the radial direction by a fixed template (2) surrounding the spray nozzle.

IPC 8 full level

B23K 3/08 (2006.01); **B05B 13/04** (2006.01)

CPC (source: EP US)

B05B 13/0426 (2013.01 - EP US); **B23K 3/082** (2013.01 - EP US); **B05C 5/0216** (2013.01 - EP US)

Citation (search report)

See references of WO 2008017367A1

Cited by

CN109731724A

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006036773 A1 20080214; EP 2049298 A1 20090422; MX 2009001302 A 20090213; US 2009308912 A1 20091217;
WO 2008017367 A1 20080214

DOCDB simple family (application)

DE 102006036773 A 20060807; EP 07786154 A 20070718; EP 2007006380 W 20070718; MX 2009001302 A 20070718;
US 30661707 A 20070718