

Title (en)
METHOD FOR CONTROLLING THE ADVANCEMENT OF THE WEAR-AWAY WIRE ELECTRODE OF WELDING AND/OR SOLDERING SYSTEMS AND SUCH A WELDING AND/OR SOLDERING SYSTEM

Title (de)
VERFAHREN ZUM STEUERN DES VORSCHUBES DER ABNUTZBAREN DRAHTELEKTRODE VON SCHWEISS- UND/ODER LÖTANLAGEN SOWIE EINE SOLCHE SCHWEISS- UND/ODER LÖTANLAGE

Title (fr)
PROCÉDÉ DE COMMANDE DE L'AVANCEMENT DU FIL ÉLECTRODE CONSOMMABLE D'INSTALLATIONS DE SOUDAGE ET/OU DE BRASAGE ET INSTALLATION DE SOUDAGE ET/OU DE BRASAGE DE CE TYPE

Publication
EP 2512719 A1 20121024 (DE)

Application
EP 10798765 A 20101216

Priority
• DE 102009058869 A 20091218
• EP 2010069953 W 20101216

Abstract (en)
[origin: WO2011073336A1] The present invention relates to a method for universally controlling the advancement of the wear-away wire electrode (3) of welding and/or soldering systems, wherein the wire electrode (3) is taken from a wire supply (2) and fed to a welding head (8) from the wire supply (2) through a protective tube (1), wherein the wire electrode (3) is both advanced by means of a push drive (4) and pulled by means of a pull drive (5), which are preferably arranged in the region of the respective ends of the protective tube (1) that are actuated in keeping with a required advancement speed of the wire electrode (3). The pull drive is controlled in accordance with the actuating signals for the push drive.

IPC 8 full level
B23K 9/12 (2006.01); **B23K 9/133** (2006.01); **B65H 51/10** (2006.01)

CPC (source: EP US)
B23K 9/124 (2013.01 - EP US); **B23K 9/1333** (2013.01 - EP US); **B65H 51/30** (2013.01 - EP US)

Citation (search report)
See references of WO 2011073336A1

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

DOCDB simple family (publication)
WO 2011073336 A1 20110623; AU 2010332808 A1 20120621; AU 2010332808 B2 20140731; DE 102009058869 A1 20110622; DE 102009058869 B4 20140717; EP 2512719 A1 20121024; US 2012285939 A1 20121115

DOCDB simple family (application)
EP 2010069953 W 20101216; AU 2010332808 A 20101216; DE 102009058869 A 20091218; EP 10798765 A 20101216; US 201013512067 A 20101216