

Title (en)

METHOD AND DEVICE FOR TREATING THE OUTER SURFACE OF A METAL WIRE, PARTICULARLY FOR CARRYING OUT A COATING PRETREATMENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEHANDLUNG DER ÄUSSEREN OBERFLÄCHE EINES METALLDRAHTS, INSBESONDERE ALS BESCHICHTUNGSVORBEHANDLUNG

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DE LA SURFACE EXTERIEURE D'UN FIL METALLIQUE, NOTAMMENT EN TANT QUE PRETRAITEMENT DE REVETEMENT

Publication

EP 1513625 A2 20050316 (DE)

Application

EP 03729921 A 20030404

Priority

- DE 10219197 A 20020429
- DE 10300471 A 20030109
- EP 0303509 W 20030404

Abstract (en)

[origin: WO03093526A2] The aim of the invention is to treat the outer surface of a sheathed or non-sheathed metal wire (3). To this end, an alternating high voltage is applied to an electrode (4), which is provided with a dielectric shielding (2) up to the metal wire (3), in order to induce, in a gas space (5), a dielectrically impeded discharge over the outer surface.

IPC 1-7

B08B 7/00; **C23G 5/00**; **B21F 21/00**; **B21C 43/00**

IPC 8 full level

B08B 7/00 (2006.01); **B21C 43/00** (2006.01); **B21F 99/00** (2009.01); **C23C 2/02** (2006.01); **C23G 5/00** (2006.01); **H05H 1/24** (2006.01)

CPC (source: EP US)

B08B 7/00 (2013.01 - EP US); **B21C 43/00** (2013.01 - EP US); **B21F 99/00** (2013.01 - EP US); **C23G 5/00** (2013.01 - EP US); **H05H 1/2406** (2013.01 - EP US)

Citation (search report)

See references of WO 03093526A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03093526 A2 20031113; **WO 03093526 A3 20040902**; AT E366624 T1 20070815; AU 2003240447 A1 20031117; AU 2003240447 A8 20031117; DE 50307658 D1 20070823; EP 1513625 A2 20050316; EP 1513625 B1 20070711; US 2005066896 A1 20050331

DOCDB simple family (application)

EP 0303509 W 20030404; AT 03729921 T 20030404; AU 2003240447 A 20030404; DE 50307658 T 20030404; EP 03729921 A 20030404; US 97570404 A 20041028