

Title (en)

METHOD OF FORMING A CONVERSION LAYER ON AN ALUMINIUM ALLOY PRODUCT PRIOR TO FLUXLESS BRAZING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER KONVERSIONSSCHICHT AUF EINEM ALUMINIUMLEGIERUNGSPRODUKT VOR DEM HARTLÖTVERFAHREN OHNE FLUSSMITTEL

Title (fr)

PROCEDE DE FORMATION D ' UNE COUCHE DE CONVERSION SUR UN PRODUIT EN ALLIAGE D ' ALUMINIUM AVANT LE PROCEDE DE BRASAGE SANS FLUX

Publication

**EP 1771601 A1 20070411 (FR)**

Application

**EP 05793591 A 20050726**

Priority

- FR 2005001935 W 20050726
- FR 0408312 A 20040728

Abstract (en)

[origin: WO2006018535A1] The invention relates to a method of assembling aluminium alloy products, such as sheets, strips or tubes, by means of fluxless brazing, whereby the absence of flux is made possible owing to an earlier treatment comprising the formation of a conversion layer on the surface of said products using a solution containing K<sup

IPC 8 full level

**C23C 22/34** (2006.01); **B23K 1/20** (2006.01); **B23K 35/36** (2006.01)

CPC (source: EP US)

**B23K 1/20** (2013.01 - EP US); **C23C 22/34** (2013.01 - EP US); **B23K 35/3603** (2013.01 - EP US); **B23K 35/3605** (2013.01 - EP US); **B23K 2103/10** (2018.07 - EP US); **Y10T 428/2951** (2015.01 - EP US)

Citation (search report)

See references of WO 2006018535A1

Citation (examination)

JP H07185797 A 19950725 - SKY ALUMINIUM

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2873718 A1 20060203**; **FR 2873718 B1 20070202**; CA 2575175 A1 20060223; DE 05793591 T1 20070906; EP 1771601 A1 20070411; US 2007204935 A1 20070906; US 7875129 B2 20110125; WO 2006018535 A1 20060223

DOCDB simple family (application)

**FR 0408312 A 20040728**; CA 2575175 A 20050726; DE 05793591 T 20050726; EP 05793591 A 20050726; FR 2005001935 W 20050726; US 57267505 A 20050726