

Title (en)

METHOD FOR WELDING DEPENDING ON A PREFERRED DIRECTION OF THE SUBSTRATE

Title (de)

VERFAHREN ZUM SCHWEISSEN IN ABHÄNGIGKEIT EINER VORZUGSRICHTUNG DES SUBSTRATS

Title (fr)

PROCÉDÉ POUR SOUDER EN FONCTION D'UNE ORIENTATION PRÉFÉRENTIELLE DU SUBSTRAT

Publication

EP 2262608 A1 20101222 (DE)

Application

EP 09753732 A 20090409

Priority

- EP 2009054306 W 20090409
- DE 102008018708 A 20080414

Abstract (en)

[origin: WO2009144077A1] Welding repairs are often carried out on directionally solidified components that nevertheless do not possess the desired crystallographic surface alignment, which reduces mechanical strength. The method according to the invention proposes to select the direction of travel (25) depending on the crystallographically preferred direction (7) of the substrate (4) such that no more misorientations occur.

IPC 8 full level

B23K 26/08 (2006.01); **B23K 26/34** (2006.01)

CPC (source: EP US)

B23K 26/08 (2013.01 - EP US); **B23K 26/32** (2013.01 - EP US); **B23K 26/342** (2015.10 - EP US); **C22C 19/055** (2013.01 - EP); **C22C 19/058** (2013.01 - EP US); **C22C 19/07** (2013.01 - EP); **B23K 2101/001** (2018.07 - EP US); **B23K 2103/02** (2018.07 - EP US); **B23K 2103/08** (2018.07 - EP US); **B23K 2103/26** (2018.07 - EP US); **B23K 2103/50** (2018.07 - EP US); **B23P 6/007** (2013.01 - EP US); **C22C 19/055** (2013.01 - US); **C22C 19/07** (2013.01 - US); **F05D 2230/232** (2013.01 - EP US)

Citation (search report)

See references of WO 2009144077A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008018708 A1 20091022; CN 102056701 A 20110511; EP 2262608 A1 20101222; US 2011031226 A1 20110210; US 9044825 B2 20150602; WO 2009144077 A1 20091203

DOCDB simple family (application)

DE 102008018708 A 20080414; CN 200980113150 A 20090409; EP 09753732 A 20090409; EP 2009054306 W 20090409; US 93759109 A 20090409