

Title (en)
REMELTING DURING DEPOSITION WELDING

Title (de)
UMSCHMELZEN BEIM AUFTRAGSSCHWEISSEN

Title (fr)
REFUSION LORS DU SOUDAGE PAR APPORT DE MATIÈRE

Publication
EP 2903777 A1 20150812 (DE)

Application
EP 13821090 A 20131219

Priority
• EP 13151884 A 20130118
• EP 2013077403 W 20131219
• EP 13821090 A 20131219

Abstract (en)
[origin: EP2756912A1] Overlay welding on a surface (13) of a substrate (4), comprises producing an overlay welded layer (7), and carrying out remelting operation at least once with at least overlay welded layer for producing a remelt area (10) in at least one overlay welded layer. An independent claim is also included for a component (1), which is produced by the above mentioned method, comprising the substrate, at least one overlay welded layer and at least one remelt area within the at least one overlay welded layer.

IPC 8 full level
B23K 26/34 (2014.01); **B23K 26/00** (2014.01)

CPC (source: EP US)
B05D 3/0254 (2013.01 - US); **B23K 26/342** (2015.10 - EP US); **B23K 26/354** (2015.10 - EP US); **B23K 31/02** (2013.01 - US); **B32B 15/01** (2013.01 - EP US); **B23K 2101/001** (2018.07 - EP US); **Y10T 428/12986** (2015.01 - EP US); **Y10T 428/31678** (2015.04 - EP US)

Citation (search report)
See references of WO 2014111225A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2756912 A1 20140723; EP 2903777 A1 20150812; KR 20150105351 A 20150916; US 2015360256 A1 20151217; WO 2014111225 A1 20140724

DOCDB simple family (application)
EP 13151884 A 20130118; EP 13821090 A 20131219; EP 2013077403 W 20131219; KR 20157019016 A 20131219; US 201314761144 A 20131219