

Title (en)

DEPOSITION WELDING WITH EXTERNAL THICK FRAME CONTOURS

Title (de)

AUFTRAGSSCHWEISSEN MIT ÄUSSERER DICKERER RAHMENKONTUR

Title (fr)

SOUDAGE PAR APPORT DE MATIÈRE AVEC CONTOURS D'ENCADREMENT EXTÉRIEURS ÉPAIS

Publication

**EP 2906383 A1 20150819 (DE)**

Application

**EP 14701496 A 20140114**

Priority

- EP 13151995 A 20130121
- EP 2014050584 W 20140114
- EP 14701496 A 20140114

Abstract (en)

[origin: EP2756907A1] Welding a surface (13), comprises applying an outer contour welding (2) to the surface having a first welding material (16), which is less susceptible to cracking than a second welding material (11) interposed between the outer contour welding. The outer contour welding is at least 50% wider than the webs of the inner sealing strips (10). An independent claim is also included for a component comprising outer contour welding of first welding material, which is different from that of the welding material of the inner sealing strips, where the width of the outer contour welding is at least 50%, preferably at least 100% greater than the width of the inner sealing strips.

IPC 8 full level

**B23K 9/04** (2006.01); **B23K 26/34** (2014.01); **B23P 6/00** (2006.01); **B23P 6/04** (2006.01); **F01D 5/00** (2006.01)

CPC (source: EP US)

**B23K 9/042** (2013.01 - EP US); **B23K 26/342** (2015.10 - EP US); **B23P 6/007** (2013.01 - EP US); **C23C 4/134** (2016.01 - EP US); **C23C 16/44** (2013.01 - US); **F01D 5/005** (2013.01 - EP US); **B23K 2101/001** (2018.07 - EP US); **B23P 6/045** (2013.01 - EP US); **F05D 2230/31** (2013.01 - EP US)

Citation (search report)

See references of WO 2014111374A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2756907 A1 20140723**; EP 2906383 A1 20150819; KR 20150110527 A 20151002; US 2015354050 A1 20151210; WO 2014111374 A1 20140724

DOCDB simple family (application)

**EP 13151995 A 20130121**; EP 14701496 A 20140114; EP 2014050584 W 20140114; KR 20157019274 A 20140114; US 201414761243 A 20140114