

Title (en)  
CREATING CLAD MATERIALS USING RESISTANCE SEAM WELDING

Title (de)  
ERZEUGUNG VON BESCHICHTETEN STOFFEN MITTELS WIDERSTANDSNAHTSCHWEISSEN

Title (fr)  
CRÉATION DE MATÉRIAUX REVÊTUS PAR SOUDAGE À RÉSISTANCE EN LIGNE CONTINUE

Publication  
**EP 2969361 A1 20160120 (EN)**

Application  
**EP 13878125 A 20130605**

Priority  
• US 201361788405 P 20130315  
• US 2013044320 W 20130605

Abstract (en)  
[origin: WO2014143113A1] A system for creating a clad material that includes at least one substrate; at least one cladding layer; at least one surface activation layer disposed between the at least one substrate and the at least one cladding layer; and a resistance seam welder, wherein the resistance seam welder is operative to generate heat and pressure sufficient to melt the at least one surface activation layer and form a bond between the at least one substrate and the at least one cladding layer when the at least one surface activation layer is cooled.

IPC 8 full level  
**B23K 11/00** (2006.01); **B23K 11/06** (2006.01); **B23K 11/20** (2006.01); **B23K 35/00** (2006.01)

CPC (source: CN EP)  
**B23K 11/0013** (2013.01 - CN EP); **B23K 11/06** (2013.01 - CN EP); **B23K 11/066** (2013.01 - EP); **B23K 11/20** (2013.01 - EP); **B23K 35/004** (2013.01 - EP); **B23K 35/005** (2013.01 - EP); **B32B 15/013** (2013.01 - EP); **C22C 38/54** (2013.01 - EP)

Designated contracting state (EPC)  
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BA ME

DOCDB simple family (publication)  
**WO 2014143113 A1 20140918**; BR 112014032737 A2 20170627; CA 2880389 A1 20140918; CN 104703745 A 20150610; EP 2969361 A1 20160120; EP 2969361 A4 20161116; JP 2015529563 A 20151008; JP 6054533 B2 20161227; MX 2014015399 A 20150515; RU 2014153121 A 20160720; SG 11201408592W A 20150227

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