

Title (en)

ARCHING METALLIC PROFILES IN CONTINUOUS IN-LINE PROCESS

Title (de)

BOGENFÖRMIGE METALLPROFILE BEI EINEM KONTINUIERLICHEN INLINE-PROZESS

Title (fr)

CINTRAGE DE PROFILS METALLIQUES DANS UN PROCESSUS EN LIGNE CONTINU

Publication

EP 2234738 A1 20101006 (EN)

Application

EP 08859291 A 20081212

Priority

- US 2008086655 W 20081212
- US 1292907 P 20071212

Abstract (en)

[origin: WO2009076625A1] A method and apparatus for manufacturing an arched metallic profile, in a continuous in-line process. The method comprises forming the metallic profile; and arching the formed metallic profile in a continuous in-line process. The apparatus includes a roll forming station configured to receive flat metallic composition and output a given profile. An arching device is configured to receive the metallic profile and bend the metallic profile having a desired radius of curvature wherein a portion of the arching device is displaced with respect to said roll forming station vertically and/or horizontally.

IPC 8 full level

B21B 1/00 (2006.01); **B21D 5/08** (2006.01)

CPC (source: EP US)

B21D 5/08 (2013.01 - EP US)

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009076625 A1 20090618; AU 2008334969 A1 20090618; BR PI0821659 A2 20170404; BR PI0821659 A8 20180508; CA 2707394 A1 20090618; EP 2234738 A1 20101006; EP 2234738 A4 20130918; IL 206064 A0 20101130; MX 2010006294 A 20100802; US 2012131974 A1 20120531

DOCDB simple family (application)

US 2008086655 W 20081212; AU 2008334969 A 20081212; BR PI0821659 A 20081212; CA 2707394 A 20081212; EP 08859291 A 20081212; IL 20606410 A 20100530; MX 2010006294 A 20081212; US 81159308 A 20081212