

Title (en)  
ROLL-BENDING PROCESS APPARATUS AND ROLL-BENDING PROCESS METHOD

Title (de)  
WALZENBIEGEVORRICHTUNG UND WALZENBIEGEVERFAHREN

Title (fr)  
APPAREIL ET PROCÉDÉ DE TRAITEMENT DE LAMINAGE-CINTRAGE

Publication  
**EP 2942120 A1 20151111 (EN)**

Application  
**EP 15166702 A 20150507**

Priority  
JP 2014097772 A 20140509

Abstract (en)  
A roll-bending process apparatus (100) including a pushing roll (10) having a cylindrical side surface and two receiving rolls (11 and 12) each having a cylindrical side surface is provided. The roll-bending process apparatus (100) bends a work (20) by pushing the pushing roll (10) toward the receiving rolls (11 and 12). The roll-bending process apparatus (100) forms a taper-shaped bending-formed article by adjusting a pushing amount of the pushing roll (10) so that a first pushing amount on one end side (10a) of the pushing roll (10) is different from a second pushing amount on the other end side (10b) of the pushing roll (10).

IPC 8 full level  
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CPC (source: EP US)  
**B21C 37/185** (2013.01 - EP US); **B21D 5/14** (2013.01 - EP US)

Citation (applicant)  
JP 2012236207 A 20121206 - KURIMOTO LTD

Citation (search report)  
• [X] US 2674294 A 19540406 - EMANUEL EKBERG GUNNAR JOHAN  
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• [X] JP 2000033426 A 20000202 - ISEL CO LTD  
• [XI] JP H0999325 A 19970415 - KANZAKI KOGYO KK  
• [XI] JP S4889158 A 19731121

Cited by  
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Designated contracting state (EPC)  
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