

Title (en)

Cold rolling process for the production of a profile

Title (de)

Kaltwalzverfahren zur Herstellung eines Profils

Title (fr)

Procédé de profilage à froid pour la production d'un profilé

Publication

**EP 2085163 A1 20090805 (DE)**

Application

**EP 09100040 A 20090114**

Priority

DE 102008000219 A 20080201

Abstract (en)

The method involves bending a raw material (6) i.e. one-piece rolling stock, by attaching a bent section (8) that runs along a rolling direction. The raw material is transformed into width direction of the raw material by section-wise thickness reduction of the raw material. The transformation of the raw material is performed after bending of the raw material or both bending and transformation of the raw material takes place at same time. The raw material is bent gradually from one roller to another roller (36).

Abstract (de)

Ein Kaltwalzverfahren zur Herstellung eines Profils aus einem einstückigen Walzgut als Ausgangsmaterial (6) mittels der Umformung dienenden Umformbereichen (38) von Walzen (36) umfasst die Verfahrensschritte: - Biegen des Ausgangsmaterials (6) unter Anbringen zumindest eines entlang der Walzrichtung verlaufenden abgebogenen Abschnitts (8), und - Umformen des Ausgangsmaterials (6) in Breitenrichtung des Ausgangsmaterials (6) unter bereichsweiser Dickenreduzierung des Ausgangsmaterials (6).

IPC 8 full level

**B21D 5/08** (2006.01); **B21B 1/095** (2006.01)

CPC (source: EP US)

**B21D 5/08** (2013.01 - EP US); **B21D 35/006** (2013.01 - EP US)

Citation (applicant)

- EP 0259479 B1 19930421
- US 3209432 A 19651005 - CAPE THOMAS H

Citation (search report)

- [XP] DE 102007051354 A1 20081009 - WELSER PROFILE AG [AT]
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- [A] DE 10113610 A1 20021002 - KOPP REINER [DE]
- [AD] EP 0259479 A1 19880316 - DONN INC [US]

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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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 09100040 A 20090114**; CA 2652262 A 20090202; DE 102008000219 A 20080201; DK 09100040 T 20090114; ES 09100040 T 20090114; US 32236509 A 20090130