

Title (en)

METHOD AND ARRANGEMENT FOR ROLL-FORMING A PLANE PRODUCT WITH VARYING WIDTH

Title (de)

VERFAHREN UND ANORDNUNG ZUM ROLLFORMEN EINES FLACHEN PRODUKTS MIT VERÄNDERLICHER BREITE

Title (fr)

PROCÉDÉ ET AGENCEMENT POUR PROFILAGE D'UN PRODUIT PLAN À LARGEUR VARIABLE

Publication

EP 3579988 A4 20201104 (EN)

Application

EP 17896017 A 20171019

Priority

- SE 1700021 A 20170207
- SE 2017000040 W 20171019

Abstract (en)

[origin: WO2018147773A1] During the roll-forming of a plate bar section (11) to a profile (12, 13) with variable width and upright sides (22, 23) with (Figure 1) or without (Figure 2) flanges (24, 25), the upright sides (22, 23) are clamped in one of the last three forming stations (Figure 12). This can yield a product with a plane bottom so that the product is not bent up (Figure 8) or down (Figure 10), which happens without the above-cited clamping (Figure 13) of the upright sides (22, 23).

IPC 8 full level

B21D 5/08 (2006.01)

CPC (source: EP SE US)

B21D 5/08 (2013.01 - EP SE US); **B21D 5/083** (2013.01 - EP SE US)

Citation (search report)

- [X1] US 4558577 A 19851217 - TRISHEVSKY IGOR S [SU], et al
- [X1] EP 1537922 A1 20050608 - HONDA MOTOR CO LTD [JP]
- [A] EP 1875973 A1 20080109 - WAGON AUTOMOTIVE GMBH [DE]
- [A] US 2010139350 A1 20100610 - SMITH GREGORY S [US], et al
- [A] EP 2134573 A1 20091223 - HONDA MOTOR CO LTD [JP]
- See references of WO 2018147773A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018147773 A1 20180816; BR 112019016117 A2 20200407; EP 3579988 A1 20191218; EP 3579988 A4 20201104; SE 1700021 A1 20180529; SE 540299 C2 20180529; US 2019210084 A1 20190711

DOCDB simple family (application)

SE 2017000040 W 20171019; BR 112019016117 A 20171019; EP 17896017 A 20171019; SE 1700021 A 20170207; US 201715739308 A 20171019