

Title (en)

METHOD AND DEVICE FOR PRODUCING A PRODUCT MADE OF A FLEXIBLE ROLLED STRIP MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES PRODUKTS AUS FLEXIBEL GEWALZTEM BANDMATERIAL

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'UN PRODUIT DE MATÉRIAU EN BANDE LAMINÉ FLEXIBLE

Publication

EP 3572161 B1 20210224 (DE)

Application

EP 18174010 A 20180524

Priority

EP 18174010 A 20180524

Abstract (en)

[origin: WO2019223991A1] The invention relates to a method for producing a product made of a flexibly rolled metal strip material, having the steps of: supplying (S10) a flexibly rolled strip material (3); ascertaining (S20) a measurement thickness profile of the strip material over the length of the strip material and calculating a target cutting position (P30) for a blank (4) to be produced from the strip material; separating (S30) a blank (4) from the strip material (3) in the target cutting position; rotating (S40) the blank (4) on the basis of the ascertained measurement thickness profile such that the thickness profile of the blank (4) is aligned in a defined machining position (P50) that differs from the target cutting position; and machining (S50) the blank (4) in the machining position (S50) using a machining unit (50), wherein the blank (4) is machined into a product (5). The invention additionally relates to a system for producing a product.

IPC 8 full level

B21D 43/00 (2006.01); **B21B 15/00** (2006.01); **B21D 43/02** (2006.01)

CPC (source: EP US)

B21B 15/0007 (2013.01 - US); **B21D 43/003** (2013.01 - US); **B21D 43/02** (2013.01 - EP); **B21B 2015/0014** (2013.01 - EP US); **B21D 43/003** (2013.01 - EP); **B21D 43/287** (2013.01 - US)

Cited by

EP4289525A3; WO2022042445A1

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)

EP 3572161 A1 20191127; **EP 3572161 B1 20210224**; CN 112512719 A 20210316; US 2021205872 A1 20210708; WO 2019223991 A1 20191128

DOCDB simple family (application)

EP 18174010 A 20180524; CN 201980034915 A 20190506; EP 2019061598 W 20190506; US 201917057734 A 20190506