

Title (en)
METHOD FOR PRODUCING COILS, PRODUCTION APPARATUS FOR PRODUCING COILS, WIRE NETTING APPARATUS AND USES OF THE WIRE NETTING APPARATUS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON WENDELN, HERSTELLUNGSVORRICHTUNG ZUR HERSTELLUNG VON WENDELN, MASCHENDRAHTNETZVORRICHTUNG UND VERWENDUNGEN DER MASCHENDRAHTNETZVORRICHTUNG

Title (fr)
PROCÉDÉ DE PRODUCTION DE SPIRALES, SYSTÈME DE PRODUCTION DE SPIRALES, SYSTÈME DE TREILLIS MÉTALLIQUE À MAILLES ET UTILISATIONS DUDIT SYSTÈME DE TREILLIS MÉTALLIQUE À MAILLES

Publication
EP 3917697 A1 20211208 (DE)

Application
EP 20703020 A 20200131

Priority
• DE 102019102593 A 20190201
• EP 2020052406 W 20200131

Abstract (en)
[origin: CA3128088A1] The invention is based on a method for producing coils (10a-g, 102a-g) for a wire netting (12a-g), which are intended to be connected to one another, in particular to be twisted in one another, to form the wire netting (12a-g), wherein the coils (10a-g, 102a-g) are produced from at least one longitudinal element (14a-g), in particular a single wire, a wire bundle, a wire strand and/or a wire cable, comprising at least one wire (30a-g) formed at least partially from a high-strength steel, and wherein the coils (10a-g, 102a-g) are bent in such a way that they comprise at least a plurality of first legs (16a-g), at least a plurality of second legs (18a-g) and also at least a plurality of bending points (20a-g) connecting a first leg (16a-g) and an adjacent second leg (18a-g) to one another. It is proposed that the coils (10a-g, 102a-g) are bent by a braid cutter assembly (24a-g), having at least one braid cutter (22a-g), in such a way that at least the midpoints (26 a-g) of the first legs (16a-g) and/or at least the midpoints (28a-g) of the second legs (18a-g) of a finished bent coil (10a-g, 102a-g) lie in each case at least substantially in one plane.

IPC 8 full level
B21F 27/04 (2006.01)

CPC (source: AT EP US)
B21F 15/04 (2013.01 - AT US); **B21F 27/02** (2013.01 - AT EP); **B21F 27/04** (2013.01 - AT EP US); **E01F 7/045** (2013.01 - US); **E04H 17/05** (2021.01 - AT EP US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202019106401 U1 20191220; AR 117972 A1 20210908; AT 16763 U2 20200715; AT 16763 U3 20220915; AU 2020213696 A1 20210923; AU 2020213696 B2 20230119; BR 112021014569 A2 20211005; CA 3128088 A1 20200806; CL 2021001995 A1 20220128; CN 113710389 A 20211126; CN 113710389 B 20230912; CN 212144362 U 20201215; DE 102019102593 A1 20200806; EP 3917697 A1 20211208; JP 2022513345 A 20220207; JP 7186305 B2 20221208; MX 2021008814 A 20210824; PE 20211518 A1 20210811; TW 202037424 A 20201016; TW I725711 B 20210421; US 11904380 B2 20240220; US 2022161311 A1 20220526; WO 2020157267 A1 20200806; ZA 202104959 B 20220727

DOCDB simple family (application)
DE 202019106401 U 20191115; AR P200100268 A 20200131; AT 112020 U 20200121; AU 2020213696 A 20200131; BR 112021014569 A 20200131; CA 3128088 A 20200131; CL 2021001995 A 20210729; CN 202020150346 U 20200203; CN 202080011793 A 20200131; DE 102019102593 A 20190201; EP 2020052406 W 20200131; EP 20703020 A 20200131; JP 2021544437 A 20200131; MX 2021008814 A 20200131; PE 2021001224 A 20200131; TW 109101861 A 20200120; US 202017425911 A 20200131; ZA 202104959 A 20210714