

Title (en)

BENDING DEVICE FOR PRODUCING A COIL FOR A WIRE MESH

Title (de)

BIEGEVORRICHTUNG ZUR HERSTELLUNG EINER WENDEL FÜR EIN DRAHTGEFLECHT

Title (fr)

DISPOSITIF DE CINTRAGE POUR RÉALISER UNE SPIRALE POUR UN TREILLIS MÉTALLIQUE

Publication

EP 3573774 A1 20191204 (DE)

Application

EP 18700891 A 20180116

Priority

- DE 102017101759 A 20170130
- EP 2018050964 W 20180116

Abstract (en)

[origin: WO2018137965A1] The invention relates to a bending device (74a) for producing a wire mesh (10a), in particular a safety net, having multiple interwoven coils (12a, 14a), of which at least one coil (12a) is produced from at least one coil blank (76a), namely an individual wire, a wire bundle, a wire strand, a wire cable and/or another longitudinal element (16a), with at least one wire (18a), comprising a bending unit (78a) having at least one bending mandrel (80a) and at least one bending table (82a) which is provided for bending the coil blank (76a) around the bending mandrel (80a) and which is mounted all around the bending mandrel (80a), and comprising a feed-in unit (84a) which is provided for feeding in the coil blank (76a) along a feed-in axis (86a) in a feed-in direction (88a). According to the invention, the bending device has a geometry adjustment unit (90a) which is provided for adjusting a geometry of the coil (12a). The invention also relates to a method for producing a wire mesh using the bending device.

IPC 8 full level

B21F 27/04 (2006.01); **B21D 11/07** (2006.01); **E01F 7/04** (2006.01)

CPC (source: EP US)

B21F 27/04 (2013.01 - EP US); **E01F 7/04** (2013.01 - EP)

Citation (search report)

See references of WO 2018137965A1

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 102017101759 B3 20180621; CL 2019001912 A1 20191206; CN 110225800 A 20190910; CN 110225800 B 20200303; EP 3573774 A1 20191204; EP 3573774 B1 20220810; ES 2929877 T3 20221202; JP 2020506806 A 20200305; JP 6675048 B2 20200401; MX 2019008740 A 20200115; PH 12019501480 A1 20200302; US 2019321877 A1 20191024; WO 2018137965 A1 20180802

DOCDB simple family (application)

DE 102017101759 A 20170130; CL 2019001912 A 20190709; CN 201880008826 A 20180116; EP 18700891 A 20180116; EP 2018050964 W 20180116; ES 18700891 T 20180116; JP 2019541092 A 20180116; MX 2019008740 A 20180116; PH 12019501480 A 20190625; US 201816475912 A 20180116