

Title (en)
DEVICE FOR PRODUCING REINFORCEMENTS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON BEWEHRUNGEN

Title (fr)
DISPOSITIF DE FABRICATION D'ARMATURES

Publication
EP 3199261 A3 20170906 (DE)

Application
EP 17155416 A 20170209

Priority
DE 102016108098 A 20160502

Abstract (en)
[origin: CA3020417A1] The invention relates to a device (2) for producing reinforcements, in particular reinforcing baskets for concrete pipes having bell-shaped ends, comprising an expanding device (20), which has a single expanding slider (11), wherein the expanding slider is designed to change a radial position of an associated actuating element (15) for the longitudinal wire of the reinforcement via a transmission means (13) of the expanding device, in particular during the production process of the reinforcement. The device is characterized by the fact that the expanding device has a shaping slider (12), wherein an actuating drive is provided to move the shaping slider, and wherein the actuating drive is supported on the expanding slider for a linear movement of the shaping slider with respect to the expanding slider.

IPC 8 full level
B21F 27/12 (2006.01); **B21F 27/10** (2006.01)

CPC (source: EP RU US)
B21F 27/10 (2013.01 - EP US); **B21F 27/12** (2013.01 - RU); **B21F 27/121** (2013.01 - EP US); **B21F 27/124** (2013.01 - EP US)

Citation (search report)

- [IA] DE 2360532 A1 19750612 - PFENDER GEORG
- [A] US 2008257445 A1 20081023 - SUBACCHI CLAUDIO [IT]
- [A] DE 2946297 A1 19810527 - MBK MASCHINENBAU GMBH [DE]
- [A] DE 2544318 A1 19760415 - TUYAUX BONNA
- [A] EP 1637250 A1 20060322 - ZUEBLIN AG [DE]
- [A] WO 2014184787 A1 20141120 - SCHNELL SPA [IT]

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)
EP 3199261 A2 20170802; EP 3199261 A3 20170906; EP 3199261 B1 20180711; BR 112018071773 A2 20190219; CA 3020417 A1 20171109; CA 3020417 C 20210119; CN 109070182 A 20181221; CN 109070182 B 20210430; DE 102016108098 A1 20171102; ES 2690520 T3 20181121; RU 2716336 C1 20200311; US 10710144 B2 20200714; US 2019118243 A1 20190425; WO 2017190855 A1 20171109; ZA 201806750 B 20240228

DOCDB simple family (application)
EP 17155416 A 20170209; BR 112018071773 A 20170209; CA 3020417 A 20170209; CN 201780027167 A 20170209; DE 102016108098 A 20160502; EP 2017052896 W 20170209; ES 17155416 T 20170209; RU 2018141825 A 20170209; US 201816169017 A 20181024; ZA 201806750 A 20181010