

Title (en)

MOBILE STRAPPING DEVICE HAVING A DISPLAY MEANS

Title (de)

MOBILE UMREIFUNGSVORRICHTUNG MIT EINEM ANZEIGEMITTEL

Title (fr)

DISPOSITIF DE BANDEROLAGE MOBILE COMPORTANT UN MOYEN D'AFFICHAGE

Publication

EP 2994390 A2 20160316 (DE)

Application

EP 14730060 A 20140505

Priority

- CH 9102013 A 20130505
- CH 9112013 A 20130505
- CH 16292013 A 20130924
- CH 16302013 A 20130924
- CH 4432014 A 20140324
- CH 2014000058 W 20140505

Abstract (en)

[origin: WO2014179895A2] The invention relates to a mobile strapping device (1) for wrapping material to be packed with a strap, the device comprising a tensioning unit (6) for applying a strap tension to a loop of a strap, and a welding unit (13) for producing a welded connection, particularly a friction welded or vibration welded connection on two superimposed regions of the strap loop. The device further comprises a rechargeable energy store for storing electrical energy, the electrical energy being used as driving energy for motor-powered driving movements of the strapping device (1), a housing (2) with a front housing region formed as a cover part for the tensioning unit (6) and a rear housing region preferably provided for receiving the energy store, and a handle (3), arranged between the front and the rear housing regions (36, 37), for holding the strapping device. In order to achieve improved ergonomic properties for such a strapping device, according to the invention, as viewed in relation to a plan view onto the strapping device (1) and in relation to a provided longitudinal direction of the course of the strap running through the strapping device (1), the profile of the handle is arranged to be nonparallel to the strap.

IPC 8 full level

B25F 5/00 (2006.01); **B65B 13/02** (2006.01); **B65B 13/18** (2006.01); **B65B 13/32** (2006.01)

CPC (source: EP US)

B25F 5/02 (2013.01 - EP US); **B65B 13/025** (2013.01 - EP US); **B65B 13/18** (2013.01 - EP US); **B65B 13/187** (2013.01 - EP US); **B65B 13/22** (2013.01 - EP US); **B65B 13/32** (2013.01 - EP US); **B65B 13/327** (2013.01 - EP US); **B65B 13/322** (2013.01 - EP US)

Citation (search report)

See references of WO 2014179896A2

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)

WO 2014179895 A2 20141113; WO 2014179895 A3 20141231; CH 708294 A2 20141215; CH 708328 A2 20141231; CH 708329 A2 20141231; CH 708332 A2 20141231; CN 105358432 A 20160224; CN 105358432 B 20180522; CN 105358433 A 20160224; CN 105358433 B 20171212; CN 105358434 A 20160224; CN 105358434 B 20180601; CN 105358435 A 20160224; CN 105358435 B 20171205; EP 2994389 A2 20160316; EP 2994390 A2 20160316; EP 2994390 B1 20180711; EP 2994391 A1 20160316; EP 2994392 A1 20160316; EP 2994392 B1 20181114; ES 2688580 T3 20181105; ES 2710533 T3 20190425; PL 2994390 T3 20181231; TW 201502010 A 20150116; TW 201502011 A 20150116; TW 201502012 A 20150116; TW 201507930 A 20150301; TW I638751 B 20181021; TW I663101 B 20190621; TW I669244 B 20190821; US 10640244 B2 20200505; US 2016107775 A1 20160421; US 2016107776 A1 20160421; US 2016137323 A1 20160519; US 2016159505 A1 20160609; US 9994341 B2 20180612; WO 2014179896 A2 20141113; WO 2014179896 A3 20141231; WO 2014186911 A1 20141127; WO 2014194434 A1 20141211

DOCDB simple family (application)

CH 2014000057 W 20140505; CH 2014000058 W 20140505; CH 2014000059 W 20140505; CH 2014000060 W 20140505; CH 4432014 A 20140324; CH 6692014 A 20140505; CH 6702014 A 20140505; CH 6712014 A 20140505; CN 201480038072 A 20140505; CN 201480038467 A 20140505; CN 201480038468 A 20140505; CN 201480038469 A 20140505; EP 14730059 A 20140505; EP 14730060 A 20140505; EP 14730061 A 20140505; EP 14730062 A 20140505; ES 14730060 T 20140505; ES 14730062 T 20140505; PL 14730060 T 20140505; TW 103116012 A 20140505; TW 103116013 A 20140505; TW 103116014 A 20140505; TW 103116015 A 20140505; US 201414787966 A 20140505; US 201414787993 A 20140505; US 201414888012 A 20140505; US 201414888014 A 20140505