

Title (en)

Straightening device for straightening cables and corresponding method

Title (de)

Richtvorrichtung zum Richten von Kabeln und entsprechendes Verfahren

Title (fr)

Dispositif de redessage destiné à redresser des câbles et procédé correspondant

Publication

EP 2399856 B1 20160928 (DE)

Application

EP 11170423 A 20110617

Priority

- EP 10167053 A 20100623
- EP 11170423 A 20110617

Abstract (en)

[origin: EP2399856A1] The device (100) has an input side roller arrangement (110) with a set of rollers (111-113) and an output side roller arrangement (120) with another set of rollers (121-124), where the rollers are arranged at respective upper and lower roller plates (130, 140). The rollers of the input side arrangement and the two rollers of the output side arrangement make contact with a cable (1) in a closed position. Force (F) acts on the cable between the two rollers of the input side arrangement perpendicular to a transport direction (X). A cylinder pivots the upper plate relative to the lower plate. An independent claim is also included for a method for operating a straightening device.

IPC 8 full level

B65H 57/14 (2006.01); **B21D 3/05** (2006.01); **B21F 1/02** (2006.01); **D07B 5/12** (2006.01)

CPC (source: EP US)

B21F 1/02 (2013.01 - EP US); **B65H 57/14** (2013.01 - EP US); **D07B 5/12** (2013.01 - EP US); **D07B 2201/2007** (2013.01 - EP US); **D07B 2207/4072** (2013.01 - EP US); **D07B 2501/406** (2013.01 - EP US)

Cited by

EP3184191A1; WO2020089677A1; EP3812060A1; EP3741476A1; EP4176990A1; WO2020234758A1; CN114603062A; CN102601273A; IT201900006816A1; CN106238622A; CN112912187A; CN114556727A; EP2949407A1; EP3219654A1; WO2020230181A1; US10773285B2; US9643227B2; EP4451487A1; US11590556B2

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 2399856 A1 20111228; **EP 2399856 B1 20160928**; CN 102366803 A 20120307; CN 102366803 B 20150902; US 2011315266 A1 20111229; US 8978435 B2 20150317

DOCDB simple family (application)

EP 11170423 A 20110617; CN 201110157174 A 20110613; US 201113167124 A 20110623