

Title (en)
STRAIGHTENING DEVICE FOR STRAIGHTENING CABLES

Title (de)
RICHTVORRICHTUNG ZUM RICHTEN VON KABELN

Title (fr)
DISPOSITIF D'ALIGNEMENT DES CONDUCTEURS

Publication
EP 3184191 B1 20200205 (DE)

Application
EP 15201628 A 20151221

Priority
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Abstract (en)
[origin: US2017173652A1] A straightening device for straightening cables includes two rows of rollers, an adjusting device for manually adjusting a distance between the rows of rollers, a measuring device for recording the distance between the rows of rollers, and an indicator device with which deviations of the actual value of the distance between the rows of rollers, determined by the measuring device, from a nominal value is visually indicated. The indicator device has two optical error indicating elements for indicating too high and/or too low an actual value compared with the nominal value of the distance, as well as an optical 'correct' indicating element for indicating that the actual value of the distance corresponds with the nominal value.

IPC 8 full level
B21F 1/02 (2006.01); **H01R 43/28** (2006.01)

CPC (source: CN EP US)
B21B 37/58 (2013.01 - US); **B21B 38/10** (2013.01 - US); **B21C 51/00** (2013.01 - EP US); **B21D 3/02** (2013.01 - US);
B21F 1/02 (2013.01 - CN EP US); **B65H 57/14** (2013.01 - EP US); **H01R 43/28** (2013.01 - CN); **B65H 2701/36** (2013.01 - EP US);
D07B 5/12 (2013.01 - EP US); **D07B 2201/2007** (2013.01 - EP US); **D07B 2201/2012** (2013.01 - EP US); **D07B 2201/2021** (2013.01 - EP US);
D07B 2201/2044 (2013.01 - EP US); **D07B 2205/3025** (2013.01 - EP US); **D07B 2205/3067** (2013.01 - EP US);
D07B 2207/4072 (2013.01 - EP US); **D07B 2301/30** (2013.01 - EP US); **D07B 2301/50** (2013.01 - EP US); **D07B 2501/406** (2013.01 - EP US)

C-Set (source: EP US)
1. **D07B 2205/3025 + D07B 2801/10**
2. **D07B 2205/3067 + D07B 2801/10**

Citation (examination)
• DE 10259257 A1 20040624 - MARQUART INGEBORG [DE]
• DE 102009007977 A1 20090723 - KONRAD HILMAR [DE]

Cited by
EP3812060A1; US11590556B2; WO2021028204A1; WO2020089677A1

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

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JP 2021130138 A 20210909; JP 2023134637 A 20230927; RS 60196 B1 20200630; US 10773285 B2 20200915; US 2017173652 A1 20170622

DOCDB simple family (application)
EP 15201628 A 20151221; CN 201611164399 A 20161215; JP 2016227530 A 20161124; JP 2021094912 A 20210607;
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