Title (en)

METHOD AND APPARATUS TO CUT TO LENGTH CABLES COMING FROM A CABLE RESERVE IN ORDER TO TREAT THE CABLE ENDS

Publication

EP 0271743 B1 19901024 (DE)

Application

EP 87117216 A 19871123

Priority

DE 3643201 A 19861218

Abstract (en)

[origin: US4852249A] A process and device for the length trimming of cables from a cable supply for the processing of cable ends. The cable front end is inserted by a cable feed (20, 22) in a guide channel whose rear section is located in a swivel part (28). As the cable front end impinges on a stop (102) on the swivel part (28), said swivel part swings beyond a dead center which is defined by a spring (40) which is attached eccentrically, whereafter the swivel part (8) is swung around by the spring (40) essentially 180 DEG so that the cable front end bearing on the stop (102) points opposite to the feed direction. The cable loop formed is then enlarged to the desired length by continued cable feeding, whereafter the cable rear end is severed by a knife (82). By lowering the cable, the cable ends are transferred, accurately positioned, to holders (56) by means of which they can be transported to the processing stations.

IPC 1-7

H01R 43/28

IPC 8 full level

H01B 13/00 (2006.01); **H01R 43/00** (2006.01); **H01R 43/28** (2006.01); **H02G 1/14** (2006.01)

CPC (source: EP US)

H01R 43/28 (2013.01 - EP US); Y10T 29/49117 (2015.01 - EP US); Y10T 29/49174 (2015.01 - EP US); Y10T 29/49192 (2015.01 - EP US); Y10T 29/5148 (2015.01 - EP US); Y10T 29/532 (2015.01 - EP US); Y10T 29/53261 (2015.01 - EP US); Y10T 83/0419 (2015.04 - EP US)

Cited by

EP2565992A1; GB2330545A; US6135164A; GB2330545B; US9124058B2; WO2020212507A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0271743 A2 19880622; **EP 0271743 A3 19890517**; **EP 0271743 B1 19901024**; CA 1300858 C 19920519; DE 3643201 A1 19880630; DE 3765759 D1 19901129; EP 0271742 A2 19880622; EP 0271742 A3 19890524; JP S63157608 A 19880630; JP S63232207 A 19880928; NO 875207 D0 19871214; NO 875207 L 19880620; NO 875208 D0 19871214; NO 875208 L 19880620; US 4852249 A 19890801; US 4875571 A 19891024

DOCDB simple family (application)

EP 87117216 A 19871123; CA 554756 A 19871218; DE 3643201 A 19861218; DE 3765759 T 19871123; EP 87117215 A 19871123; JP 31764287 A 19871217; JP 31764387 A 19871217; NO 875207 A 19871214; NO 875208 A 19871214; US 13396087 A 19871217; US 13479987 A 19871218