

Title (en)
COLORING UNIT AND FINISHING DEVICE FOR AN ELECTRIC CABLE

Title (de)
FÄRBEEINRICHTUNG FÜR ELEKTRISCHE KABEL UND BEARBEITUNGSEINRICHTUNG FÜR ELEKTRISCHE KABEL

Title (fr)
DISPOSITIF DE COLORATION DE CABLE ELECTRIQUE ET DISPOSITIF D'USINAGE DE CABLE ELECTRIQUE

Publication
EP 1768134 B1 20120509 (EN)

Application
EP 05743663 A 20050527

Priority
• JP 2005009785 W 20050527
• JP 2004161857 A 20040531

Abstract (en)
[origin: EP1768134A1] The invention provides a cable coloring unit, which maintains correct positioning of a mark on a predetermined length of the cable, even when the coloring unit has a cable travel measuring means separately provided from another cable travel measuring means provided on a cable cutting installation. To achieve the foregoing object, an electrical cable coloring unit 9 is mounted on a cable cutting installation 8. The cutting installation 8 cuts the electrical cable in predetermined lengths. The coloring unit 9 has an encoder 33 and a switch 82. The switch 82 outputs a signal showing the cutting of the cable. The coloring unit 9 has an encoder 33, a colorant jet unit 32, and a control unit 34. The colorant jet unit 32 jets a liquid colorant by a predetermined amount toward an outer surface of the cable to color the cable. The control unit 34 has a CPU 62 that determines whether there is a difference between cable travel distances obtained from the encoders 21, 33 in connection with the cutting timing of the cable. CPU 62 corrects the jetting timing of the colorant jet unit 32 based on the difference between information obtained from the encoders 21, 33.

IPC 8 full level
H01B 13/34 (2006.01); **H01B 13/00** (2006.01); **H01B 13/012** (2006.01)

CPC (source: EP)
H01B 13/345 (2013.01)

Citation (examination)
EP 1388868 A2 20040211 - YAZAKI CORP [JP]

Designated contracting state (EPC)
LT PT SK

DOCDB simple family (publication)
EP 1768134 A1 20070328; EP 1768134 A4 20080806; EP 1768134 B1 20120509; CN 100527288 C 20090812; CN 1977345 A 20070606; JP 2005346939 A 20051215; JP 4486412 B2 20100623; MX PA06013873 A 20070425; PT 1768134 E 20120621; WO 2005117033 A1 20051208

DOCDB simple family (application)
EP 05743663 A 20050527; CN 200580021500 A 20050527; JP 2004161857 A 20040531; JP 2005009785 W 20050527; MX PA06013873 A 20050527; PT 05743663 T 20050527