

Title (en)

Improvement to the device for feeding a cable into an automatic cable manufacturing machine.

Title (de)

Verbesserung an der Einrichtung zum Zubringen eines Kabels in einen Kabel-Verarbeitungsautomaten.

Title (fr)

Perfectionnement au dispositif pour l'alimentation d'un câble dans un automate pour façonner des câbles.

Publication

EP 0496049 B1 19950517 (DE)

Application

EP 91119410 A 19911114

Priority

CH 15991 A 19910121

Abstract (en)

[origin: EP0496049A1] With this improvement to the device for feeding a cable into an automatic cable processor, it is possible to move normal cables and cables of reduced wall thickness (18) at high speeds through the drive surfaces (3.1,8.1) of two drive belts (3,8), applied against each other, of two belt drives (1,2). By the separation of a drive roller (12) driven synchronously with the belt drives (1,2) from the measurement drive roller (21) of the cable length measurement device (22), it is made possible to vary the diameter and hence the peripheral speed of this drive roller (12). Thus a tension can be constantly applied to the cable (18) between the belt drives (1,2) and the drive roller (12) corresponding to the running direction of the cable (18), preventing piling up of the cable in this region and a possible lateral emergence of the cable from the belt drives (1,2), and ensuring an accurate length measurement for the cable sections. <IMAGE>

IPC 1-7

H01B 13/00; **B65H 61/00**

IPC 8 full level

B65H 51/14 (2006.01); **B65H 61/00** (2006.01); **H01B 13/00** (2006.01)

CPC (source: EP US)

B65H 51/14 (2013.01 - EP US); **B65H 61/00** (2013.01 - EP US); **H01B 13/0003** (2013.01 - EP US)

Cited by

CN104053620A; US5412855A; EP0915539A3; EP1638116A4; EP0915538A3; CN107389012A; EP3694064A1; IT201900001841A1; FR3103184A1; EP2883824A1; US10974924B2; WO2021121488A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0496049 A1 19920729; **EP 0496049 B1 19950517**; DE 59105526 D1 19950622; JP 3278450 B2 20020430; JP H04303365 A 19921027; US 5368212 A 19941129

DOCDB simple family (application)

EP 91119410 A 19911114; DE 59105526 T 19911114; JP 870892 A 19920121; US 14913593 A 19931108