

Title (en)

Stuffer box crimper for crimping synthetic filament tows.

Title (de)

Stauchkammerkräuselvorrichtung zum Kräuseln synthetischer Fadenscharen.

Title (fr)

Dispositif de frisure à boîte de bourrage pour le frisure de câbles de filaments synthétiques.

Publication

EP 0256257 A2 19880224 (DE)

Application

EP 87109068 A 19870624

Priority

- DE 3621479 A 19860626
- DE 3626522 A 19860805

Abstract (en)

[origin: US4807337A] A device for the crimping of synthetic yarns, bundles or bands, which includes a pair of pressure rollers and a subsequent stuffer box chamber having two plates, arranged parallel to the axes of the rollers, of which one is mounted at least partially movable for reducing the chamber area, and two lateral walls, closing off the chamber to a nip of the pressure rollers. At the level of the nip of the pressure rollers and in each case positioned adjacent to the edge area of the end surface of a rollers, a pressure disk is provided onto. An adjustment unit which is connected to at least one sensing device, which holds, through the adjustment unit, the pressure disk against the end surface of the roller under a pressure force. The sensing device is constructed as an instrument for determining the bending, adjusted on the basis of the pressure force, of a carrier for the pressure disk and the pressure force is adjustable in dependence on the continuously determined bending of the carrier.

Abstract (de)

An einer Vorrichtung mit Preßwalzenpaar und nachgeschalteter Stauchkammer ist der Preßwalzenspalt (6) durch zwei Druckscheiben (9) abgedichtet. Um keinen Luftspalt zwischen den Stirnflächen der Preßwalzen (1,2) und der Druckscheibe (9) entstehen zu lassen, ist die Druckscheibe (9) gegen die Preßwalzenstirnflächen gedrückt. Dieser Druck soll in Abhängigkeit einer zu messenden Durchbiegung eines Trägers (7), bzw. (8) der Druckscheibe (9) beim Anpressen geregelt werden.

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D02G 1/12

IPC 8 full level

D02G 1/12 (2006.01)

CPC (source: EP US)

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