Title (en)

Crimp height monitor.

Title (de)

Kontrollsystem der Crimpenhöhe.

Title (fr)

Moniteur de hauteur de sertissage.

Publication

EP 0419129 B1 19950405 (EN)

Application

EP 90310023 A 19900913

Priority

US 41113589 A 19890922

Abstract (en)

[origin: EP0419129A1] An apparatus and a process are provided for assessing the quality of crimped electrical terminations of a terminal to a wire. The apparatus includes a strain gauge (54) incorporated into a crimp press (30) for measuring the strain generated in the press during each crimping cycle. The strain gauge is operatively connected to a controller (52) which generates appropriate signals in response to strain measurements that are not within an acceptable range. The crimp press may further be operative to selectively adjust the crimp height or the length of the crimp stroke. The adjustment may be operatively connected to the controller, such that the crimp press is self-adjusting and accommodates the gradual wearing of the crimp tools.

IPC 1-7

H01R 43/048

IPC 8 full level

G01L 1/00 (2006.01); **B21F 15/00** (2006.01); **B23K 20/02** (2006.01); **B30B 15/00** (2006.01); **H01R 43/048** (2006.01)

CPC (source: EP)

B30B 15/0094 (2013.01); **H01R 43/0486** (2013.01)

Cited by

US6073472A; EP1383212A1; CN113084048A; EP0460441A1; DE102013007535B3; US9823148B2; US9090036B2; WO2012163866A1; US9410875B2

Designated contracting state (EPC)

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EP 90310023 A 19900913; DE 69018351 T 19900913; JP 21356790 A 19900810