

Title (en)
Cable processing apparatus

Title (de)
Kabelbearbeitungseinrichtung

Title (fr)
Dispositif de traitement de câble

Publication
EP 1515403 B1 20071024 (DE)

Application
EP 04405534 A 20040826

Priority
• EP 04405534 A 20040826
• EP 03405664 A 20030910

Abstract (en)
[origin: EP1515403A2] The apparatus has a belt drive (2) to guide a wire (3) to a swivel arm (4) with a gripper (5). A leading end of the wire is fed to processing stations by setting the arm into a swivel motion and/or a linear motion. A holder (20) inspects a wire end connection or a crimp connection. The gripper holds the wire with pull out force in a longitudinal axis of the wire by linear movement away from the holder. An independent claim is also included for an inspection method for operating a wire-processing apparatus.

IPC 8 full level
H01R 43/048 (2006.01); **G01R 31/04** (2006.01); **H01R 43/052** (2006.01); **H01R 43/28** (2006.01)

CPC (source: EP US)
H01R 43/0488 (2013.01 - EP US); **H01R 43/052** (2013.01 - EP US); **H01R 43/28** (2013.01 - EP US); **Y10T 29/49004** (2015.01 - EP US); **Y10T 29/49117** (2015.01 - EP US); **Y10T 29/49174** (2015.01 - EP US); **Y10T 29/49204** (2015.01 - EP US); **Y10T 29/5149** (2015.01 - EP US); **Y10T 29/5151** (2015.01 - EP US); **Y10T 29/5193** (2015.01 - EP US); **Y10T 29/5313** (2015.01 - EP US); **Y10T 29/532** (2015.01 - EP US); **Y10T 29/53213** (2015.01 - EP US); **Y10T 29/53217** (2015.01 - EP US); **Y10T 29/53235** (2015.01 - EP US)

Cited by
EP3121918A1; CN102637988A; CN106370704A; EP3435498A1; CN109301658A; DE102007018555A1; DE102007018555B4; EP1786072A1; WO2019207343A1; US7698801B2; US11329440B2; US10551337B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1515403 A2 20050316; **EP 1515403 A3 20060517**; **EP 1515403 B1 20071024**; US 2005050722 A1 20050310; US 7603768 B2 20091020

DOCDB simple family (application)
EP 04405534 A 20040826; US 93802404 A 20040909