

Title (en)

DEVICE FOR THE CONNECTION OF FREE WIRE ENDS

Publication

EP 0315763 B1 19920624 (DE)

Application

EP 88115738 A 19880923

Priority

- DE 3738498 A 19871112
- DE 3826741 A 19880805

Abstract (en)

[origin: JPH01137580A] PURPOSE: To enable core wire connection satisfactory in good reproducibility by attaching a pressure head to a support plate movably parallel to the pressure direction to dispose a cut-off device for cutting off the core wire end on the support plate. CONSTITUTION: Core wires are firmly clamped on a core wire mount bed by the pressure surface of a pressure head 16 while being coupled with each other on a material piece. Further, when a support plate 14 approaches further a base plate 10, the core wire end is cut off by a cutter 36 at a right angle to the longitudinal direction of the end. Thus, the coupled core wire ends are arranged straight to be connected to a connector as they are without retreatment. Also, by attaching adjustably the pressure head 16 against a spring, the pressure head 16 is pressed against the core wire with pressure determined by the spring in a press process. Thus, irrespective of various sizes of the core wire, the core wire connection can be surely realized with reproducibility.

IPC 1-7

H01R 43/28

IPC 8 full level

H01R 43/01 (2006.01); **H01R 43/28** (2006.01)

CPC (source: EP US)

H01R 43/28 (2013.01 - EP US); **Y10T 29/515** (2015.01 - EP US); **Y10T 29/53217** (2015.01 - EP US)

Cited by

CN105921930A; CN110994479A; CN102931565A; CN105234919A; CN115693532A; US5571035A; CN102637988A; CN108748847A; CN1076891C; CN106099603A; CN106734768A; WO9613878A1; WO2022082833A1

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