Title (en)

DEVICE FOR LABELLING CONDUCTORS

Title (de)

VORRICHTUNG ZUR LEITERKENNZEICHNUNG

Title (fr)

DISPOSITIF D'ÉTIQUETAGE DE CONDUCTEURS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021165307A1] The invention relates to a device (100) for labelling a conductor (102), said device comprising a gripper (104) for gripping the conductor (102), which extends in a longitudinal direction (106). A heating jaw assembly (108) has two jaws (110), which are spaced apart from one another in a first transverse direction (112) in an open position. A transport mechanism (114) delivers a film strip (118) on a first side (116) of the heating jaw assembly (108), which film strip extends along the first transverse direction (112). A film side (120) of the film strip (118) facing away from the heating jaw assembly (108) can be heat-welded. A film side (122) of the film strip (118) facing towards the heating jaw assembly (108) carries the labelling. A gripper mechanism (124) moves the gripper (104) along a second transverse direction (126) in the open position of the heating jaw assembly (108). The gripper (104) thereby moves the gripped conductor (102) from the first side (116) of the heating jaw assembly (108) between the two jaws (110), pulling the film strip (118) lying on the conductor (102) along with it onto a second side (128) of the heating jaw assembly (108) opposite the first side (116). The two jaws (110), in a closed position, apply pressure in the first transverse direction (112) against one another and give off heat. Sections of the weldable film side (120) of the film strip are in contact with one another under the pressure of the jaws (110) and the heat from the jaws (110) welds said film side to form a circumferentially closed arrangement of the film strip around the conductor (102).

IPC 8 full level

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