

Title (en)

UNIT FOR AUTOMATICALLY CRIMPING FLEXIBLE FLAT CABLE LAYERS AND CORRESPONDING CRIMPING METHOD

Title (de)

AUTOMATISCHE KRIMPVORRICHTUNG FÜR FLEXIBLE FLACHBANDKABEL UND HERSTELLUNGSVERFAHREN

Title (fr)

UNITE DE SERTISSAGE AUTOMATIQUE DE NAPPES DE CABLES PLATS FLEXIBLES ET PROCEDE DE SERTISSAGE CORRESPONDANT

Publication

**EP 1145389 B1 20021002 (FR)**

Application

**EP 99968805 A 19991220**

Priority

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Abstract (en)

[origin: FR2787937A1] The invention concerns a unit (20) for automatically crimping flexible flat cable layers (10), said layer comprising at least a branch (12) whereon a connector (11, 13) is to be crimped, said unit being characterised in that it comprises: a guide tray (15) whereon circulates the flat cable layers (10); a plurality of crimping stations (14a, 14b, 14c) arranged vertically offset relatively to the guide tray (15) plane vertical alignment and adapted to crimp a connector (11, 13) on the end of a branch (12); and a plurality of tilting ramps (18a, 18b, 18c) having a first end at the guide tray plane when they are tilted, and a second end at the crimping post, said ramp being arranged in the direction opposite to the layer displacement, each ramp being adapted to be controlled to tilt towards the guide tray, such that a predetermined branch (12) of the layer follows the ramp which it encounters on its path when it travels towards one of the crimping posts to receive therein a connector (11, 13).

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