

Title (en)

METHOD FOR FORMING WIRE HARNESS AND APPARATUS FOR THE SAME

Publication

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Application

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- JP 9059686 A 19860418

Abstract (en)

[origin: EP0241939A1] Method of forming wire harness into flattened structure with desired pattern for use in motor vehicle is disclosed. A group of insulated wire is drawn out of wire source by means of a wiring head having a wavering wire guide and a roller with heating means and the wires are placed on a forming board with a travelling means in an parallel alignment to each other. The wire leading direction on the forming table is controlled by a computer program and any desired harness pattern is formed by moving the wiring head in the longitudinal direction of the wires, X axis, and travelling the forming table in the direction of Y axis which is perpendicular to the axis X. The neighbouring wire in the parallel alignment on the table are bonded together either by fusing their surface of insulating material or by utilizing suitable adhesive or softening agent while suitable stretching tension is applied to the wires. In the embodiments of the present invention an apparatus for achieving the same purpose is also disclosed.

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