

Title (en)

DEVICE ON A WELDING MACHINE FOR FEEDING WIRES TO BE WELDED TO WORK PIECES, IN PARTICULAR A CROSS-WIRE FEEDING DEVICE ON A WIRE MESH WELDING MACHINE, AND METHOD OF FEEDING WIRES TO BE WELDED TO A WORK PIECE

Publication

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Application

**EP 89810193 A 19890313**

Priority

CH 105488 A 19880318

Abstract (en)

[origin: EP0333663A1] For each wire to be fed, the device has a wire receiver with channel-shaped wire-receiving elements (1, 2), which are arranged in alignment with one another at intervals transversely to the wire feed direction (7) with the open side of the channel profile facing the welding locations (3), and grippers (6) which can be moved forwards (7) and backwards (8) in order, in one end position, to grasp a wire accommodated by the wire receiver (1, 2) between adjacent wire-receiving elements (1, 2) and, in the other end position, to hold the grasped wire at the welding locations (3) for welding. Covers can be moved into a closing position (10, 11), in which they close the open side of the channel profile of the wire-receiving elements (1, 2), and into an open position (10'), in which they hold open the open side of the channel profile in order to allow the wire to be fed to leave the receiving elements. During the gripper advance, the wire (5) is first of all transferred into a stand-by position outside the wire receiver (1, 2) and the range of welding and movement of the workpiece (4) and, from this position, is moved into a position for welding to the workpiece (4) as soon as the welding of the preceding wire and the advance of the workpiece permit. <IMAGE>

IPC 1-7

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IPC 8 full level

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