

Title (en)

METHOD OF PRODUCING A REINFORCING ELEMENT OF PARALLEL LONGITUDINAL RODS AND TRANSVERSE RODS, SPACED ALONG THE LONGITUDINAL ONES

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0081618A1] 1. Method for the production of a reinforcing element (10) comprising parallel extending longitudinal reinforcing rods (11) and transverse rods (12) arranged therealong, into which at least one supplementary rod is welded parallel to the longitudinal reinforcing rods (11) to conform the total cross-section of the longitudinal reinforcement to the moment curve (M) of a predominantly flexurally stressed structural element (A), transverse wires (2) and longitudinal reinforcing wires (1) unwound from reels being fed to an automatic production system and therein continuously welded in regular operating steps, further at least one supplemental reinforcing wire (3) also being unwound from a reel and welded as supplementary rod (13) in moment-conform position and length, whereupon the reinforcing element (10) is severed, characterized in that each supplemental reinforcing wire (3), whose feed path is during welding thereof equated to the feed path (1) of the longitudinal reinforcing wires (1) which is equal in each operating step, is cut after the moment-dependent last weld joint and that hence the forward feed is interrupted, whereupon, when its moment-dependent or welding-dependent length (b) is greater than an integral multiple of the feed path (a), the supplemental reinforcing wire (3) is displaced by the difference (d) by a separate controllable feed device.

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