

Title (en)

REINFORCEMENT-IRON HOLDER FOR USE IN JOINING CAST CONCRETE WORK AND METHOD OF MANUFACTURING THE SAME

Publication

EP 0103060 B2 19911106 (DE)

Application

EP 82810378 A 19820910

Priority

EP 82810378 A 19820910

Abstract (en)

[origin: US4549384A] The reinforcing rod holder includes a hollow body (1) having a depression in which the downwardly bent reinforcing rods (2) are inserted in such a manner that their U-shaped anchoring portions protrude. The free end (3 and 4) of the reinforcing rods are disposed entirely in the hollow body, together with the bend portion. To permit insertion of the anchoring portions, the hollow body is provided with apertures (5), and holes (6) having a diameter which is approximately identical to the diameter of the reinforcing rods are provided at the two ends of such apertures (5), while the central portion of the apertures is sealed by two overlapping flaps (7). The hollow body is further provided with mounting or support ribs (8) at the apertures (5) and two spacer ribs (9 and 10) between the last three apertures (5) in order to serve as support faces for the ends of the reinforcing rods. The hollow body, containing the reinforcing rods, is filled with expanded plastic material. A reinforcing rod holder of this type is used in connection-type concreting operations and is advantageous in that, on the one hand, the portions of the reinforcing rods not embedded in concrete are packed in expanded plastics material and therefore cannot rust and, on the other hand, the expanded plastics material can be completely and conveniently removed by extracting the hollow body when the connection-type concreting operation is being carried out. In addition, the hollow body actually serves as a mould, thereby ensuring that the reinforcing rod holder is produced rationally and cheaply.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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