

Title (en)
METHODS AND DEVICES FOR PRESTRESSING CONCRETE AND SIMILAR STRUCTURES

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Application
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Priority
FR 8309278 A 19830603

Abstract (en)
[origin: US4586303A] The invention relates to a concrete work prestressed by means of tensioned reinforcements (7) having bell shaped ends (71) and formed from an alternate succession of first sections housed, with interposition of an injected cement, in metal sheaths (9) themselves embedded in the concrete and rectilinear sections outside the concrete. For easy replacement of these reinforcements, the first sections have a rectilinear or curved shape of an arc of a circle and they are housed in plastic material tubes (10) adapted to slide against the metal, the tube ends situated at the level of the bell mouthed reinforcement ends (71) being themselves given the shape of open mouthed sleeves (11) made from plastic material.

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