

Title (en)

Constructions composed of several precast reinforced-concrete elements for use in the prestressed concrete construction method.

Title (de)

Aus mehreren Stahlbetonfertigteilen zusammengefügt Baukörper in einer Spannbetonbauweise.

Title (fr)

Construction constituée par l'assemblage d'éléments préfabriqués en béton armé utilisant la technique du béton précontraint.

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Application

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Abstract (en)

[origin: EP0348870A1] The invention relates to a construction composed of several precast reinforced-concrete elements (2) and able to be connected at their joints (6) with a hardening filler, for use in the prestressed concrete construction method, in which prestressing elements in jacket tubes (4), which are encased with concrete in the individual precast reinforced-concrete elements (2), can be drawn in and braced, the jacket tubes (4) being interconnected across the region of the joints (6) between adjacent precast reinforced-concrete elements (2) to form continuous pressure-sealed channels (8) for the prestressing elements and at least one tube connection being arranged within a recess (12) on the joint boundary surface (10) of at least one precast reinforced-concrete element and being sealed with respect to the recess (12), and it being possible to fill up, in particular, the interspace between the jacket tubes (4) and the prestressing elements with injection mortar. According to the invention, provision is made for the tube connection to take the form of a flexible articulation (20) between adjoining tubes (4, 4) of the continuous pressure-sealed channels (8). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

EP1983125A3; CN109881573A; EP1079040A3; US9856648B2; FR2775492A1; EP3105383A4; EP3543418A1; WO2006099900A3; WO9943910A1; US6389764B1; US10858824B2; EP3084097B1

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