

Title (en)
FORMWORK MODULE AND METHOD OF CONSTRUCTING A FOUNDATION

Title (de)
SCHALUNGSMODUL UND VERFAHREN ZUM BAU EINES FUNDAMENTS

Title (fr)
MODULE DE COFFRAGE ET PROCÉDÉ DE CONSTRUCTION D'UNE FONDATION

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EP 2350395 A1 20110803 (EN)

Application
EP 09748511 A 20091029

Priority
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Abstract (en)
[origin: WO2010050810A1] A formwork module 1 is comprised of a formwork 3, a filling element 5 contained therein and a cage of reinforcement 7 which is contained between the formwork and the filling element. The formwork module further includes a plurality of interconnection elements 9 which are clamped with a middle portion 9c to the cage of reinforcement 7 and are connected with a first end portion 9a to the formwork 3, while this connection is capable of conveying tensile forces. The cage of reinforcement 7 and the interconnection elements 9 jointly hold the side walls 3b of the formwork together, so that the formwork can withstand the pressure of the concrete during the pouring of the concrete. Furthermore, the interconnection elements are inserted with a second end portion 9b into the filling element 5. In consequence, the interconnection elements keep the filling element 5 in place, so that this filling element is not floating upwardly as a result of the upward force of the concrete during the pouring of the concrete.

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