

Title (en)  
HIGH-STRENGTH CONCRETE WALL FORMWORK

Title (de)  
SCHALUNG MIT ERHÖHTEM WIDERSTAND FÜR BETONWAND

Title (fr)  
COFFRAGE A RESISTANCE ELEVEE POUR MUR EN BETON

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: WO2005042864A1] The aim of the present invention is to increase the stiffness of built-in formwork during positioning thereof, and assist the work of civil engineers so that they can readily determine the contribution of horizontal reinforcements while reducing the production costs thereof. This aim is achieved by means of formwork comprising two mutually facing parallel shuttering walls (1, 1') provided with profile bars forming vertical wales (2, 2') and connected via at least one hinged connecting device for holding the shuttering walls (1, 1') either at a predetermined spacing to define a space for receiving a filler material such as concrete, or in a folded position for storage and transport. The connecting device is characterised in that it includes a first straight horizontal bar (3) parallel to the first shuttering wall (1) and extending through the wales (2) of said first wall (1), and a second straight horizontal bar (3') parallel to the second shuttering wall (1') and extending through the wales (2') of said second wall (1'), wherein said second bar (3') faces the first bar (3), a plurality of connecting bars (4) perpendicularly connect the two horizontal bars (3, 3'), and said connecting bars (4) are pivotable about said horizontal bars (3, 3').

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