Title (en)

SHUTTERING ELEMENT AND METHOD FOR CONSTRUCTING A CONCRETE STRUCTURE IN A CAVITY

Title (de)

SCHALUNGSELEMENT UND VERFAHREN ZUR HERSTELLUNG EINER BETONSTRUKTUR IN EINEM HOHLRAUM

Title (fr)

ÉLÉMENT DE COFFRAGE ET PROCÉDÉ DE CONSTRUCTION D'UNE STRUCTURE EN BÉTON DANS UNE CAVITÉ

Publication

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Application

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Priority

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Abstract (en)

[origin: CA3137814A1] The invention relates to a shuttering element and a method for constructing a concrete structure in a cavity. The shuttering element according to the invention is provided for constructing a vertical wall of a concrete structure intended to contain a liquid. The shuttering element (100) comprises a first shuttering panel (110) made from openwork sheet metal, a second shuttering panel (120) made from fibre-cement and a plurality of spacers (130). It is possible to use the shuttering element (100) reversibly in the construction method. The construction method allows the production of a shuttered structure from reinforced concrete, which structure is monobloc, non-deformable and not likely to crack. Furthermore, it is readily possible to widen the upper levelling of the walls in order to support the kerbstones without any risk of cracks and/or breakages. Furthermore, the structure is variable while being compatible with any finishing coating.

IPC 8 full level

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CPC (source: EP US)

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