

Title (en)

Wall construction element consisting of two layers of concrete which are spaced apart and connected with a bolt

Title (de)

Wandbauelement aus zwei beabstandeten Betonschalen, die mit einem Bolzen verbunden werden

Title (fr)

Élément de construction mural avec deux éléments en béton écartés l'une de l'autre, qui sont connectés avec un boulon

Publication

EP 2500479 A1 20120919 (DE)

Application

EP 12159663 A 20120315

Priority

DE 102011014063 A 20110316

Abstract (en)

The element has concrete shells e.g. supporting shell (1) and facing formwork (2), arranged at a distance from each other, and a bolt (5) inserted into a shell concrete, where the bolt connects the concrete shells with one another. The bolt comprises a spacer pin (6) arranged coaxial to a bolt longitudinal axis, where the pin projects from a conical end surface of the bolt. The pin holds one of the ends of the bolt at a distance from a framework surface to form one of the concrete shells. The bolt is designed as a single-piece injection molding part made from polyamide with glass fiber additives.

Abstract (de)

Die Erfindung betrifft ein Wandbauelement mit zueinander im Abstand angeordneten Betonschalen (1,2) und die Betonschalen (1,2) verbindenden, mit ihren Enden in den Schalenbeton eingebetteten Bolzen (5). Erfindungsgemäß weisen die Bolzen (5) jeweils Einrichtungen (6;20) zum Halten von wenigstens einem der beiden Bolzenenden im Abstand von einer die betreffende Betonschale (2) bildenden Schalungsfläche (16) auf.

IPC 8 full level

E04B 2/86 (2006.01); **E04C 2/04** (2006.01); **E04C 2/288** (2006.01)

CPC (source: EP)

E04B 2/8617 (2013.01); **E04C 2/044** (2013.01); **E04C 2002/047** (2013.01)

Citation (applicant)

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Citation (search report)

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BA ME

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