

Title (en)

Mechanical connection for prefabricated reinforced concrete articles, and their production method

Title (de)

Mechanische Verbindung für vorgefertigte Gegenstände aus Stahlbeton sowie Herstellungsverfahren dafür

Title (fr)

Connexion mécanique pour produits préfabriqués en béton armé et procédé de production correspondant

Publication

EP 2381045 B1 20130403 (EN)

Application

EP 11162573 A 20110415

Priority

IT MI20100711 A 20100426

Abstract (en)

[origin: EP2381045A1] The mechanical connection for prefabricated reinforced concrete articles comprises: a first plate (1) from which first anchoring means (3) project into a first article (30); a second plate (2) from which second anchoring means (4) project into a second article (31); means for fixing the first plate (1) to the second plate (2), comprising at least one female element (10-12) fixed to the second plate (2) such that the second front surface (6) is free, each female element (10-12) being accessible from the outside and being able to cooperate with a corresponding male element (13-15) removably coupled to the first plate (1) and adapted to cooperate with a corresponding anchoring hole (16-18) provided therein. The anchoring means (3, 4) are separate and are separated from the respective plates (1, 2), connection means (50, 56, 55) being provided, of the type which enables the anchoring means (3, 4) to be connected to the respective plates (1, 2) when necessary.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN118223594A; CN114753517A; WO2023174514A1

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