

Title (en)

Method for adding additional reinforcement to a reinforced concrete building element

Title (de)

Verfahren zur Anbringung einer Zusatzbewehrung an einem armierten Betonbauteil

Title (fr)

Méthode pour l'application d'armatures additionnelles à un élément de construction en béton armé

Publication

EP 0646686 B1 19980121 (DE)

Application

EP 94111515 A 19940723

Priority

DE 4333782 A 19931004

Abstract (en)

[origin: EP0646686A2] There is a process in which an additional steel reinforcement 10 is embedded on the concrete building element 1 using concrete composition 12. In this arrangement, it is desired to enhance the strengthening, and increase the increase in the load-bearing strength of the concrete building element, which can be achieved by the additional reinforcement. This is achieved in that a groove 3 which exhibits a groove base 6 and two groove walls 7 and is intended for receiving the additional steel reinforcement 10 is produced in the reinforced 2 concrete building element 1 by means of the high-pressure water jet, a reinforcement region 9 being left free in the process, and in that the additional steel reinforcement 10 and the embedding concrete composition 12 are introduced into the groove 5, the concrete composition 12 being brought into contact with the groove base 6 and the groove walls 7. The additional reinforcement is introduced into the interior of the concrete building element and that surface of the concrete building element which is in contact with the additional concrete composition is enlarged. <IMAGE>

IPC 1-7

E04G 23/02

IPC 8 full level

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CPC (source: EP)

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