

Title (en)

Method of making a fixing cramp, as well as a fixing cramp

Title (de)

Verfahren zur Herstellung von einem Befestigungsanker und Befestigungsanker

Title (fr)

Méthode de fabrication d'ancrages et ancrage

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Application

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Priority

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Abstract (en)

The invention relates to a method of making a fixing cramp comprising a bolt-shaped nail (1) and a tubular sleeve (4) which fixing cramp can be incorporated in concrete when said concrete is being poured. Such cramps are used in large numbers. It is important to keep the cost price of such cramps as low as possible, and to achieve a maximum the load-bearing capacity of the fixing cramps. The bolt-shaped nail (1) is made by means of the tools and in accordance with the method used for producing hexagonal head bolts, whereby the forming of the hexagon is not carried out for the fixing cramps. The head (3) is substantially cylindrical, and it has a diameter which is at least twice that of the nail shank (2). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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- [A] DE 3338762 A1 19850509 - SCHNABEL WINFRIED DIPL ING
- [A] EP 0158944 A2 19851023 - DEHA BAUBEDARF KG [DE]
- [A] GB 1442987 A 19760721 - GKN BOLTS NUTS LTD
- [A] DE 4310022 A1 19931007 - PFEIFER SEIL HEBETECH [DE]
- [A] DE 8705508 U1 19870619
- [A] FR 2289269 A1 19760528 - GO PROIZV KONST [SU]

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