

Title (en)

Method of making a punching tool in concrete at least partially covered with a metal plate

Title (de)

Verfahren zum Herstellen eines Stanzwerkzeugs aus Beton zumindest teilweise bekleidet mit einer Metallplatte

Title (fr)

Procede de fabrication d'un outil d'emboutissage en beton hydraulique couvert au moins partiellement d'une coque metallique

Publication

EP 0985466 A1 20000315 (FR)

Application

EP 99402211 A 19990909

Priority

FR 9811404 A 19980911

Abstract (en)

The tool is made from a metal outer shell (9) made to the required shape and acting as a mold for a fiber-reinforced concrete filling, poured in after applying an adhesive compound which has a liquid adhesive phase (13) and a solid phase (14) to anchor the concrete in place. The liquid and solid phases are applied in sequence, so that the solid phase projects partially from the liquid phase to provide an anchoring surface for the concrete. The metal shell is produced by electrodeposition in a polymer mold.

Abstract (fr)

Procédé comprenant les étapes consistant à : préparer une coque métallique (9), préparer un moule pour l'outil d'emboutissage en prenant la coque (9) comme fond de moule, appliquer sur la coque (9) en fond de moule une composition de collage contenant des moyens mécaniques d'ancrage du béton (14), couler dans le moule une composition de béton (12) et solidifier, Avantages : améliorations des performances de l'outil. <IMAGE>

IPC 1-7

B21D 37/20

IPC 8 full level

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CPC (source: EP)

B21D 37/20 (2013.01)

Citation (applicant)

- FR 2669842 A1 19920605 - CHAUSSON INGENIERIE [FR]
- US 1935916 A 19331121 - RAGSDALE EARL J W

Citation (search report)

- [DA] FR 2669842 A1 19920605 - CHAUSSON INGENIERIE [FR]
- [DA] DE 4021384 A1 19920109 - LAEPPLE AUGUST GMBH & CO [DE]
- [A] US 3101065 A 19630820 - KALIS EDWARD R
- [A] US 3035310 A 19620522 - BENJAMIN SOKOL, et al
- [DA] US 1935916 A 19331121 - RAGSDALE EARL J W

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