

Title (en)

Pile cap removal

Title (de)

Bewehrung für einen Betonpfahl

Title (fr)

Armature du pieu

Publication

EP 1473413 A1 20041103 (EN)

Application

EP 04251943 A 20040331

Priority

GB 0310217 A 20030502

Abstract (en)

A pile cage is fitted with a frame (30) held to rebar (4) of the cage at a cut-off level (20). When a pile is cast using such a cage, a column (54) of concrete is formed between the main part of the pile (56) and a pile head (56) passing through a central aperture (40) of the frame. This column (54) can then be snapped by a mechanical grab without the need for use of hand tools in breaking or trimming the pile. The frame (30) provides a plurality of slots (42) to enable it to be passed over irregularly spaced rebars (4). Prior to pouring the concrete the remainder of the slots (42) are filled with builder's filler foam, preventing the ingress of concrete. The frame (30) may be reused. <IMAGE>

IPC 1-7

E02D 5/30; E02D 5/34; E02D 9/00

IPC 8 full level

E02D 9/00 (2006.01); **E02D 5/36** (2006.01)

CPC (source: EP)

E02D 9/005 (2013.01); **E02D 5/36** (2013.01)

Citation (search report)

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- [A] WO 9736058 A1 19971002 - MERRITT ROBERT ARTHUR [GB], et al
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- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 100 (M - 376) 2 May 1985 (1985-05-02)

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