Title (en)

Process for fabricating a concrete mast, apparatus for carrying out the process and mast obtained therefrom

Title (de)

Verfahren zur Herstellung eines Betonmastes, Vorrichtung zur Durchführung des Verfahrens und damit hergestellter Mast

Title (fr)

Procédé de fabrication d'un mât en beton, dispositif pour la mise en oeuvre de ce procédé et mât obtenu par ce procédé

Publication

**EP 0814221 B1 20020918 (FR)**

Application

**EP 97109519 A 19970612**

Priority

CH 155496 A 19960621

Abstract (en)

[origin: EP0814221A1] A procedure for making a concrete mast using at least two components (1, 2) which fit one inside the other consists of forming shuttering from the two components, fitting lengthwise and transverse reinforcing elements (3, 4) and a one-piece mould with a double base (8, 9) and two collars (6, 7), and filling with concrete. The concrete is vibrated and/or centrifuged, with the gap left between the outer surface of the mould and the inner surface of the female component filled with a self-hardening mortar after centrifuging. The mould is removed once the concrete has set, e.g. using a nut and bolt mechanism. The lengthwise reinforcing members can be in the form of rods which are sectioned after casting, or pre-stressed cables.

IPC 1-7

**E04H 12/12**; E04H 12/16; B28B 23/18; B28B 13/06

IPC 8 full level

**B28B 13/06** (2006.01); **B28B 23/18** (2006.01); **E04H 12/12** (2006.01); **E04H 12/16** (2006.01)

CPC (source: EP)

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