

Title (en)

Device for making prestressed or not reinforced beam shaped concrete elements

Title (de)

Vorrichtung zur Herstellung von langen, stabartigen, schlaffen oder vorgespannten Stahlbeton-Fertigteilen

Title (fr)

Dispositif pour la fabrication d'éléments en béton renforcé précontraint ou non en forme de poutre

Publication

**EP 0791443 A3 19990616 (DE)**

Application

**EP 97250028 A 19970208**

Priority

DE 19605307 A 19960214

Abstract (en)

[origin: EP0791443A2] The shuttering has a skin supported by a frame of steel profiles on the external vibrator for compacting the concrete. The entire shuttering is mounted on torsional vibration damping elements. A strong lengthwise support is rigidly joined to the shuttering. Pendulum vibrators (13) are fixed to one of the lengthwise sides of the lengthwise support (12,21) and are fixed to horizontal rotor shafts connected for forced synchronisation.

IPC 1-7

**B28B 1/087**; **B28B 7/00**; **B28B 23/06**; **B28B 23/18**

IPC 8 full level

**B28B 1/087** (2006.01)

CPC (source: EP)

**B28B 1/087** (2013.01)

Citation (search report)

- [A] DE 2702146 A1 19780727 - RAMPF KG FORMEN GMBH & CO
- [A] FR 2227730 A5 19741122 - FISHER PETER [US]
- [AD] ZANKER G: "MODERN RUTTELTECHNIK IM BETONFERTIGTEILWERK - DARGESTELT AM BEISPIEL WERK MAYREDER/ELSTER MODERN VIBRATION TECHNIQUES IN THE PRECASTING PLANT - ILLUSTRATED ON THE EXAMPLE OF THE MAYREDER/ELSTER WORKS", BETONWERK + FERTIGTEIL TECHNIK, vol. 59, no. 12, 1 December 1993 (1993-12-01), pages 94 - 98, XP000418230

Cited by

EP1261464A4

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

**EP 0791443 A2 19970827**; **EP 0791443 A3 19990616**; DE 19605307 C1 19970925

DOCDB simple family (application)

**EP 97250028 A 19970208**; DE 19605307 A 19960214