

Title (en)  
Device for pressing cast panels

Title (de)  
Vorrichtung zum Verdichten gegossener Platten

Title (fr)  
Dispositif pour la compression de panneaux coulés

Publication  
**EP 0692351 A3 19980211 (DE)**

Application  
**EP 95107685 A 19950519**

Priority  
DE 9411282 U 19940713

Abstract (en)  
[origin: EP0692351A2] The compactor has vibratory elements which are in the form of suspended vibrators (32). A production pallet is supported on a row of spaced-apart, rectangular swing frames (26). The suspended vibrator is fixed to the inside of a vertical frame wall (36) by a base plate (34). A vibrator housing (42) supporting a balancing weight (46) is swivel mounted on a suspension axle (40). The suspended vibrators have variable oscillating frequencies (f). Each swing frame has a top fixture in the form of conical centring bolts fitting into the palette sleeves (50), for attaching the production pallet horizontally. Hoists raise and lower the palette onto the swing frames. <IMAGE>

IPC 1-7  
**B28B 1/08**; **B06B 1/12**

IPC 8 full level  
**B06B 1/12** (2006.01); **B28B 1/087** (2006.01); **B28B 13/02** (2006.01)

CPC (source: EP)  
**B06B 1/12** (2013.01); **B28B 1/0873** (2013.01); **B28B 13/02** (2013.01)

Citation (search report)

- [YA] DE 3112198 A1 19821014 - VNII STR I DOROZNOGO MASINOSTR [SU]
- [YA] FR 1207736 A 19600218
- [YA] DE 1080737 B 19600428 - HARTUNG JACHMANN AG
- [A] FR 766563 A 19340630
- [A] DE 2349129 A1 19750410 - KLEIBER ARMIN
- [A] DE 2362543 A1 19750619 - KLECKER KARL HEINZ
- [XY] 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
- [Y] DATABASE WPI Section PQ Week 8707, Derwent World Patents Index; Class P64, AN 87-048505, XP002049991

Cited by  
DE19827200A1

Designated contracting state (EPC)  
AT BE CH DE FR IT LI NL

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**DE 9411282 U 19940713**; EP 95107685 A 19950519