

Title (en)  
Multifunctional system producing concrete prefabricated elements

Title (de)  
Multifunktionsanlage zum Herstellen von vorgefertigten Betongegenständen

Title (fr)  
Installation multifonctions pour la fabrication d'éléments préfabriqués en béton

Publication  
**EP 0993921 A3 20020529 (EN)**

Application  
**EP 99120339 A 19991012**

Priority  
IT PD980239 A 19981013

Abstract (en)  
[origin: EP0993921A2] This new multifunctional system producing concrete prefabricated elements consists of a part in a pit (A), a vibratory press (C) positioned at the floor level, a distributor unit (B) of pallets and/or bottoms. The part in the pit includes a plane sliding vertically and a raising platform (A3) for the cores (A4) of the mold, whereas the vibratory press (C) at the floor level is movable and provided with wheels (C2) independently from the part in the pit (A) and from the distributor unit (B). Said vibratory press (C) comprises a rotating support which slides vertically for the shells (C5) of the mold (C), a hopper (C7) with a box (C8) for the concrete, a press (C6) for compacting the concrete in the mold provided with rotating boom (B3) which slides vertically and takes the pallets (B2) or the bottoms (B1) and lays them on the sliding plane of the part in the pit (A). <IMAGE>

IPC 1-7  
**B28B 15/00**; **B28B 3/02**; **B28B 5/04**

IPC 8 full level  
**B28B 5/04** (2006.01); **B28B 15/00** (2006.01)

CPC (source: EP)  
**B28B 5/04** (2013.01); **B28B 15/005** (2013.01)

Citation (search report)

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- [A] CH 255348 A 19480630 - LACHAISE JEAN CELESTIN HIPPOLY [FR]
- [A] US 3602962 A 19710907 - ODEGAARD MAGNE, et al
- [A] "MODERN PRODUCTION FOR MANHOLE COMPONENTS AND SPECIAL PARTS", BETONWERK + FERTIGTEIL TECHNIK, BAUVERLAG GMBH. WIESBADEN, DE, vol. 62, no. 12, 1 December 1996 (1996-12-01), pages 148 - 151, XP000641604, ISSN: 0373-4331

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