Title (en)
Method and apparatus for producing pre-fabricated concrete elements using pallets

Title (de)
Verfahren und Anlage zur Herstellung von Betonfertigbauelementen, wobei die Herstellung auf Palettenformen erfolgt.

Title (fr)
Procédé et machine de fabrication d'éléments préfabriqués en béton, où la fabrication est exécutée sur des moules -palettes

Publication
EP 2119542 B1 20130116 (DE)

Application
EP 09006401 A 20090512

Priority
AT 7572008 A 20080513

Abstract (en)
[origin: EP2119542A2] The molds for cast concrete slabs, in pallet shapes, are arranged in series and advanced between stations according to a set maximum time for each cycle. The set slab is lifted and the mold shells (9) are lifted or vice versa. The molds are cleaned in a cleaning station (6) and the shells are replaced automatically (7) for the next casting. The concrete is poured (12) automatically into the mold and the reinforcements are pushed or shaken into the wet concrete automatically. The mold, with the wet concrete, is advanced into a setting chamber (21). The operations are controlled automatically by a control unit (22).

IPC 8 full level
B28B 5/04 (2006.01); **B28B 15/00** (2006.01); **B28B 23/00** (2006.01); **B28B 23/02** (2006.01)

CPC (source: EP)
B28B 5/04 (2013.01); **B28B 15/005** (2013.01); **B28B 17/0081** (2013.01); **B28B 23/0062** (2013.01); **B28B 23/022** (2013.01)

Cited by
WO2012093282A1; CN108858720A; CN110614698A; CN110370448A; CN103862564A; BE1028897B1; CN113442279A; EP2942171A1; CN106827221A; CN110893645A; CN103586970A; CN111805707A; CN104395047A; RU2598951C2; CN106182403A; CN103507154A; CN109016128A; CN113276257A; WO2013174495A3; WO2013189507A1; US9383747B2; EP2661655B1

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