

Title (en)

Method and device for producing concrete blocks

Title (de)

Verfahren und Vorrichtung zum Herstellen von Betonsteinen

Title (fr)

Procédé et dispositif pour la fabrication de parpaings en béton

Publication

EP 1568456 A3 20070110 (DE)

Application

EP 05003734 A 20050222

Priority

DE 102004009382 A 20040226

Abstract (en)

[origin: EP1568456A2] The method involves moving a concrete mortar across a mould (7) by a filling carriage (4) to fill the mould with the mortar. The carriage is returned and the mortar is compacted by a movable plunger. The plunger is moved via synchronized motors to measure exerted torques. Filling operation of the mould is corrected based on deviation of actual values, derived from the difference in the torques, from preset desired values. An independent claim is also included for an apparatus for producing concrete blocks.

IPC 8 full level

B28B 3/02 (2006.01); **B28B 13/02** (2006.01); **B28B 17/00** (2006.01); **B30B 11/00** (2006.01); **B30B 15/30** (2006.01)

CPC (source: EP US)

B28B 3/022 (2013.01 - EP US); **B28B 13/023** (2013.01 - EP US); **B28B 17/0081** (2013.01 - EP US); **B30B 11/005** (2013.01 - EP US); **B30B 15/304** (2013.01 - EP US)

Citation (search report)

- [X] US 2256798 A 19410923 - YEAKEL GEORGE L
- [A] US 2672669 A 19540323 - DAVIS ROBERT O
- [A] FR 2516009 A1 19830513 - MINATO EXPLOITATION [FR]
- [A] US 2706843 A 19550426 - DAVIS ROBERT O
- [A] US 5248248 A 19930928 - ADLY TAREK A [US]

Cited by

CN112248190A; CN102689352A; DE102007048694A1; DE202008017871U1; EP2628581A1; WO2009049815A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1568456 A2 20050831; **EP 1568456 A3 20070110**; DE 102004009382 B3 20051027; US 2005189668 A1 20050901

DOCDB simple family (application)

EP 05003734 A 20050222; DE 102004009382 A 20040226; US 5370005 A 20050207