

Title (en)

Improvements made to machines for continuous production of pre-stressed or reinforced concrete pieces

Title (de)

Verbesserungen an Maschinen für die kontinuierliche Herstellung von Spannbeton- oder Stahlbetonteilen

Title (fr)

Perfectionnements introduit dans les machines pour la fabrication en continu de pièces de béton précontraintes ou armées

Publication

EP 1952960 A3 20101006 (FR)

Application

EP 07380336 A 20071203

Priority

ES 200700250 A 20070131

Abstract (en)

[origin: EP1952960A2] The machine (1) has a fixed hopper (2) fed with concrete towards a vibrator mold (3). A lower retention mold (4) and the vibrator mold forming a definitive profile of a developed piece is provided at the interior of the fixed hopper and in a rectangular lower part of a settler and agitator assembly of the concrete. A lateral closure extends between the vibrator mold and the retention mold on a fabrication path (22) and is formed by a flexible closing lip (23) having a length equivalent to that of the closure.

IPC 8 full level

B28B 1/08 (2006.01); **B28B 17/02** (2006.01)

CPC (source: EP ES)

B28B 1/084 (2013.01 - EP); **B28B 7/0011** (2013.01 - EP); **B28B 17/02** (2013.01 - EP); **B28B 23/02** (2013.01 - ES)

Citation (search report)

- [Y] EP 0803335 A1 19971029 - GESTION DE PROPIEDAD IND BIBEL [ES]
- [Y] EP 1491306 A2 20041229 - PRENSOLAND SA [ES]
- [Y] GB 671696 A 19520507 - DUNNS ENGINEERING COMPANY LTD
- [Y] WO 2006081480 A2 20060803 - COLUMBIA MACHINE [US], et al
- [Y] US 4068990 A 19780117 - KALNS ARVIDS
- [A] US 5626421 A 19970506 - CAMPBELL CRAIG C [US]
- [A] WO 0185322 A1 20011115 - AMMANN U MASCHF AG [CH], et al
- [A] FR 2199037 A1 19740405 - PARKER LTD FREDERICK [GB]

Cited by

CN113246282A; CN110871498A; CN111673898A

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1952960 A2 20080806; EP 1952960 A3 20101006; EP 1952960 B1 20121121; ES 2325822 A1 20090918; ES 2325822 B1 20100407; ES 2335465 A1 20100326; ES 2335465 B1 20110211; RU 2007131004 A 20090220; RU 2470773 C2 20121227

DOCDB simple family (application)

EP 07380336 A 20071203; ES 200700250 A 20070131; ES 200801974 A 20080701; RU 2007131004 A 20070814