Title (en)

Process and device for splitting a moulded concrete article into two blocks

Title (de)

Verfahren und Vorrichtung zum Spalten von gegossenen Doppel-Betonblöcken

Title (fr)

Procédé et dispositif pour séparer par rupture deux blocs de béton moulés ensemble

Publication

EP 0933179 A3 20000329 (DE)

Application

EP 99101838 A 19990128

Priority

CA 2225292 A 19980129

Abstract (en)

[origin: EP0933179A2] Wet concrete is compressed in a mould to form a block (1) with side walls extending along both its top and bottom sides, with at least the bottom side including a partition line located between its two side walls. At least one of the side walls on the bottom side of the block is positioned above the level of the partition line. The compacted concrete mixture is left to harden on a flat surface, the height difference between the partition line and at least one of the side walls on the bottom side of the block being enough to force the block to split along the partition line. Independent claims are also included for (a) a method for splitting a double concrete block by the above casting process, (b) double concrete blocks made by the above process, (c) casting moulds used to make these blocks, and (d) a machine for carrying out the casting process.

IPC 1-7 (main, further and additional classification)

B28B 7/14; B28B 3/02

IPC 8 full level (invention and additional information)

B28B 7/00 (2006.01); **B28B 7/14** (2006.01); **B28B 17/00** (2006.01)

CPC (invention and additional information)

B28B 17/0027 (2013.01); **B28B 7/0091** (2013.01); **B28B 7/14** (2013.01)

Citation (search report)

- [A] US 2810946 A 19571029 - KATHRYN GARNICH
- [A] US 3002247 A 19611003 - CLAYTON DETTLING JAMES, et al
- [A] DE 2937704 A1 19810319 - HERMANN KUESEL GMBH MASCHINEN

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EP2435226A4; CN106003394A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

EPO simple patent family

EP 0933179 A2 19990804; EP 0933179 A3 20000329; CA 2225292 A1 19990729; CA 2225292 C 20020219; US 6226954 B1 20010508

INPADOC legal status

2003-02-12 [18D] APPLICATION DEEMED TO BE WITHDRAWN
- Effective date : 20020801

2002-07-10 [17Q] FIRST EXAMINATION REPORT
- Effective date : 20020528

2000-12-06 [AKX] PAYMENT OF DESIGNATION FEES
- Free text : AT BE CH DE ES FR GB IE IT LI LU NL PT

2000-12-06 [AXX] PAYMENT OF EXTENSION FEES
- Free text : MK PAYMENT 20000420;RO PAYMENT 20000420;SI PAYMENT 20000420

2000-06-21 [17P] REQUEST FOR EXAMINATION FILED
- Effective date : 20000420

2000-03-29 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A3
- Designated State(s) : AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

2000-03-29 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI

1999-08-04 [AK] DESIGNATED CONTRACTING STATES:
- Kind Code of Ref Document : A2
- Designated State(s) : AT BE CH DE ES FR GB IE IT LI LU NL PT

1999-08-04 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI