

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.

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IPC 8 full level
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CPC (source: EP US)
B28B 7/0091 (2013.01 - EP US); **B28B 7/14** (2013.01 - EP US); **B28B 17/0027** (2013.01 - EP US)

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

Cited by
EP2435226A4; CN106003394A

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EP 99101838 A 19990128; CA 2225292 A 19980129; US 22928599 A 19990113