

Title (en)

Method and means for forming blocks from concrete mix at a high production rate and with high shape definition, and the product obtained.

Title (de)

Hochleistungsverfahren und -vorrichtung zum Formen von Betonblöcken hoher Massgenauigkeit.

Title (fr)

Méthode et dispositif à capacité de production élevée pour la fabrication de blocs de béton avec une bonne précision dimensionnelle.

Publication

**EP 0433591 A2 19910626 (EN)**

Application

**EP 90119445 A 19901010**

Priority

IT 296389 A 19891222

Abstract (en)

This method and the relative means for forming blocks (10) from concrete mix at a high production rate and with high shape definition comprise a plurality of moulds (3) containing impressions (9A, 9B) each corresponding to one of the two halves into which the block (10) can be divided; these impressions are provided in their two outer flat faces so that a line (13) or bank of moulds can be formed in which two adjacent mating moulds (3) define the cavity to be filled; this line of moulds defines an upper surface (18) which comprises casting sprues and onto which the concrete mix (Z) can be poured for filling purposes. This filling is facilitated by vibrating the mould bank or line (13) for compacting purposes by usual vibrators (26) located on lower longitudinal members (1B, 1B', 1B'') provided for their support. The filling is done with the aid of a tray for containing the concrete mix (Z), this tray being formed by removably locating perimetral walls (19) about the sprues (21) of the line (13) of moulds (3); the walls (19) are rested on the upper surface (18) formed by the plurality of mating moulds (3) and containing the casting sprues, and are fitted with rubber gaskets (20) for retaining the liquid component of the concrete mix (Z). <IMAGE>

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IPC 8 full level

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CPC (source: EP)

**B28B 1/0873** (2013.01); **B28B 7/241** (2013.01); **B28B 7/348** (2013.01); **B28B 13/02** (2013.01)

Cited by

US6557818B2; CN108818895A; US5972175A; CN105666661A; EP0579571A1; CN106738229A; CN109079969A; CN111231085A; CN110281347A; CN111002442A; US6854702B2; WO2006063940A1; WO2008025984A1

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