

Title (en)

Method and apparatus for insulated building block.

Title (de)

Verfahren und Vorrichtung zur Herstellung von isolierten Bausteinen.

Title (fr)

Procédé et dispositif pour la fabrication de blocs isolants pour la construction.

Publication

**EP 0171818 A1 19860219 (EN)**

Application

**EP 85110302 A 19850817**

Priority

CA 461312 A 19840817

Abstract (en)

A method and apparatus for forming insulated concrete blocks in which at least two and preferably three concrete blocks (66,68,70) are fed concurrently to the inlet end of the apparatus having a pair of opposed, continuous upper and lower conveyors (26,28) for concurrently passing said blocks through the apparatus, and a foam injection system (48) for delivering foam to the cavity or cavities formed between the blocks, wherein continuous strips (100,102,112,114) of an impermeable material such as polyfilm are fed to bottom, ends and upper sides of the cavity or cavities to form an impermeable barrier between the foam and conveyors to substantially prevent escape of said foam from the said cavity or cavities. The centre block (66) of three concrete blocks forming a unit is split longitudinally after curing of the insulating foam to expose an aesthetic block face.

IPC 1-7

**B28B 5/02**; E04C 1/40

IPC 8 full level

**B28B 11/04** (2006.01)

CPC (source: EP)

**B28B 11/042** (2013.01); **B28B 11/043** (2013.01)

Citation (search report)

- AT 349710 B 19790425 - MAYRHOFER FA JOSEF
- CA 1149189 A 19830705 - STEVENS GARRY B, et al
- FR 2383285 A1 19781006 - FORMIBAT [FR]

Cited by

WO8800267A1; WO2009106402A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0171818 A1 19860219**; CA 1211351 A 19860916

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