

Title (en)
Building block and associated connection element.

Title (de)
Baublock und zugehöriges Verbindungselement.

Title (fr)
Bloc de construction et organe de liaison positive associés.

Publication
EP 0190076 A1 19860806 (FR)

Application
EP 86400131 A 19860122

Priority
• FR 8501249 A 19850124
• FR 8516620 A 19851105

Abstract (en)
1. An assembly consisting of a cast building block (1) and of a positive-connection and closing-off unit (20) which are made separately, making it possible, in association with one another, to produce structures, such as building walls, fence walls or the like, by building them up dry, with joints which are staggered or not ; the said parallelepipedic block, provided with inner cavities which open onto each upper and lower horizontal course face and are separated by transverse partitions, having : on its upper and lower course faces respectively, recesses (4) and cavities (5) communicating vertically and intended to make it possible to install the said connecting unit of matching form and dimensions in the horizontal position, in its vertical transverse separating walls, recesses (27) communicating horizontally and cavities (28), intended to make it possible to install the said connecting unit (20) of matching form and dimensions in the vertical position, on its upper course face, at least one channel (2) for collecting trickling water, on the outer faces of its vertical end walls, vertical grooves (8a) and vertical tongues (8b) intended to ensure, in conjunction with the positive connecting unit (20), a relative positioning of the blocks, sealing between them and the elimination of trickling water coming from the collecting channel or collecting channels (2), and on the other hand, the positive-connection and closing-off unit (20) consisting of an insert in one or more parts, which fits into one of the recesses (4) and one of the cavities (5) in the upper and lower course faces and/or into the recesses (27) and cavities (28) in the transverse walls of the blocks, to ensure positioning stability during assembly and after assembly and closing off at the wall end.

Abstract (fr)
L'invention concerne un ensemble constitué d'un bloc de construction moulé (1) et d'un organe de liaison positive et d'obturation moulé réalisés séparément permettant, en association la réalisation d'ouvrages tels que murs de bâtiments, murets de clôture ou autres, par assemblage à sec, à joints décalés ou non. Le bloc, de forme parallélépipédique, du genre comportant des évidements internes débouchant sur chaque face d'assise horizontale supérieure et inférieure et séparés par des cloisons transversales, comporte, sur ses faces d'assise supérieure et inférieure respectivement des découpures (4) et des évidements communiquants verticalement.

IPC 1-7
E04C 1/10; **E04C 1/08**; **E04B 2/18**

IPC 8 full level
E04B 2/02 (2006.01); **E04B 2/18** (2006.01)

CPC (source: EP)
E04B 2/02 (2013.01); **E04B 2/18** (2013.01); **E04B 2002/0243** (2013.01); **E04B 2002/026** (2013.01)

Citation (search report)
• [A] US 3325956 A 19670620 - MORAETES SPIROS J
• [A] DE 2150874 A1 19730419 - ERGENZINGER WALTER
• [A] DE 1066341 C
• [A] FR 2450920 A1 19801003 - LOPEZ ROGER

Cited by
CN104033461A; FR3002959A1; EP0549501A1; FR2685371A1; EP3692222A4; US11958193B2; US10676890B2; US11441899B2; WO2019068128A1; USD895153S; US11608633B2; US11401115B2; US10865578B2; US10876308B2; US11299894B2; US10635758B2; US11106836B2; US11687686B2; US11842124B2; US12001761B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0190076 A1 19860806; **EP 0190076 B1 19900502**; DE 3670872 D1 19900607

DOCDB simple family (application)
EP 86400131 A 19860122; DE 3670872 T 19860122