

Title (en)  
BUILDING BLOCK

Publication  
**EP 0487345 A3 19920610 (EN)**

Application  
**EP 91310752 A 19911121**

Priority  
ZA 909359 A 19901122

Abstract (en)  
[origin: EP0487345A2] The invention relates to a mortarless interlocking building block (10). The building block comprises a pair of opposed major side faces (12,14), a pair of opposed minor end faces (16,18) and a pair of opposed major upper and lower faces (24,26), the upper or the lower face having a profile, when viewed in a direction normal to the end faces, with an outer semi-channel (82) and an inner full channel (88) alternating with an inner full projection (86) and an outer semi-projection (84). The semi-channel and the semi-projection are half the width of the full channel and the full projection, and the channels and projections extend longitudinally between the opposed end faces (16,18) of the block. The opposed lower or upper face (26,24) of the block is symmetrical about an imaginary axis (38) which extends transversely between opposed side faces to divide the lower or upper face into two equal halves (102,104). Each half has a profile, when viewed normal to the major side faces, comprising a semi-projection (40,42) and a full projection (50,52) alternating with a full channel (44,46) and a semi-channel (48), all of which extend transversely between opposed side faces, and which are complementary with the channels and projections on the opposed respective upper or lower face. A pair of apertures (20,22) extend between the upper and the lower faces, the apertures being divided by an inner web (28) which extends transversely between the opposed side walls (30,32) of the block parallel to the end walls (34,36). <IMAGE>

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**E04B 2/18** (2013.01); **E04B 2/24** (2013.01); **E04B 2002/0208** (2013.01)

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