

Title (en)  
BUILDING BLOCK FOR CONSTRUCTION KITS, ESPECIALLY FOR A TOY CONSTRUCTION KIT

Publication  
**EP 0236260 B1 19911016 (DE)**

Application  
**EP 87810007 A 19870107**

Priority  
CH 46186 A 19860205

Abstract (en)  
[origin: US4883440A] A building block is provided comprising a support part, two zig-zag shaped conductive tapes connecting a series of coupling pins with conductive surfaces positioned on the support part, and a cover plate. The coupling pins which extend through openings in the cover plate define two separate electrical circuits with the coupling pins arranged in two rows and the pins of one row being displaced by one pin with respect to the pins of the other row. A prong extends from each of the coupling pins to the inner sidewall of the support part. The building block may be connected to another similar building block with the electrical circuits separated in a short-circuit proof fashion.

IPC 1-7  
**A63H 33/08**

IPC 8 full level  
**A63H 33/08** (2006.01); **A63H 33/04** (2006.01)

CPC (source: EP KR US)  
**A63H 33/04** (2013.01 - KR); **A63H 33/042** (2013.01 - EP US)

Cited by  
US4820171A; DE4313199C1; US5042972A; EP1610875A4

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

DOCDB simple family (publication)  
**EP 0236260 A1 19870909; EP 0236260 B1 19911016**; AT E68364 T1 19911115; AU 592146 B2 19900104; AU 6807187 A 19870806; BR 8700505 A 19871208; CA 1272379 A 19900807; CN 1016848 B 19920603; CN 87100979 A 19871021; CS 264141 B2 19890613; CS 53187 A2 19880816; DD 253376 A5 19880120; DE 3773701 D1 19911121; DK 168105 B1 19940214; DK 57987 A 19870806; DK 57987 D0 19870204; EG 17680 A 19901030; ES 2025695 T3 19920401; FI 870276 A0 19870122; FI 870276 A 19870806; GR 3002926 T3 19930125; HU 200701 B 19900828; HU T47450 A 19890328; IL 81458 A0 19870916; IL 81458 A 19900726; IN 168303 B 19910309; JP H0751173 B2 19950605; JP S62183789 A 19870812; KR 870007716 A 19870921; MA 20864 A1 19871001; MX 160849 A 19900605; MY 101052 A 19910716; NO 870450 D0 19870204; NO 870450 L 19870806; NZ 218888 A 19890127; PH 23180 A 19890519; PL 153145 B1 19910329; PL 263945 A1 19880218; PT 84201 A 19870201; PT 84201 B 19930331; SU 1637656 A3 19910323; TN SN87016 A1 19900101; US 4883440 A 19891128; ZA 87564 B 19870930

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**EP 87810007 A 19870107**; AT 87810007 T 19870107; AU 6807187 A 19870128; BR 8700505 A 19870205; CA 527281 A 19870114; CN 87100979 A 19870205; CS 53187 A 19870126; DD 29972087 A 19870204; DE 3773701 T 19870107; DK 57987 A 19870204; EG 1787 A 19870111; ES 87810007 T 19870107; FI 870276 A 19870122; GR 910401502 T 19911017; HU 38487 A 19870204; IL 8145887 A 19870203; IN 14DE1987 A 19870106; JP 2371687 A 19870205; KR 870000420 A 19870120; MA 21098 A 19870130; MX 512187 A 19870202; MY PI19870126 A 19870211; NO 870450 A 19870204; NZ 2188887 A 19870112; PH 34819 A 19870205; PL 26394587 A 19870203; PT 8420187 A 19870127; SU 4028903 A 19870130; TN SN87016 A 19870205; US 864087 A 19870129; ZA 87564 A 19870126