

Title (en)
BUILDING BLOCK, IN PARTICULAR FOR BUILDING-BLOCK TOYS

Publication
EP 0116519 B1 19861008 (DE)

Application
EP 84810062 A 19840202

Priority
CH 81583 A 19830214

Abstract (en)
[origin: US4556393A] A building block having side walls and a front face perpendicular to these is provided with two rows of coupling pins on one side of the front face and counter-coupling tubes on the other side for mechanically coupling two building blocks by means of a clamping action. In each row, each second coupling pin has an electrically conducting surface, while the coupling pins lying between these are electrically insulating. One row of conducting pins is displaced in the direction of the rows by one coupling pin from the adjacent row. On the other side of the front wall a contact bar is arranged which is connected electrically with the conducting coupling pins of an associated row. The bar has a contact area for producing electrical contact with a row of conducting coupling pins of an adjacent, coupled building block.

IPC 1-7
A63H 33/08

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

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

Cited by
DE102012111024A1; DE4313199C1; EP0236260A1; AU592146B2

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AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0116519 A1 19840822; EP 0116519 B1 19861008; AT E22661 T1 19861015; AU 2406084 A 19840823; AU 567320 B2 19871119; BG 44536 A3 19881215; BR 8400613 A 19840918; CA 1224042 A 19870714; CS 266324 B2 19891213; CS 82384 A2 19890210; DD 223637 A5 19850619; DE 3460879 D1 19861113; DK 155206 B 19890306; DK 155206 C 19890710; DK 62684 A 19840815; DK 62684 D0 19840213; EG 18198 A 19920830; ES 287794 U 19860601; ES 287794 Y 19870201; FI 78399 B 19890428; FI 78399 C 19890810; FI 840595 A0 19840214; FI 840595 A 19840815; GR 81784 B 19841212; HK 11988 A 19880216; HU 189043 B 19860630; IE 54875 B1 19900228; IE 840325 L 19840814; IL 70827 A0 19840430; IL 70827 A 19861031; JP H0256910 B2 19901203; JP S59156366 A 19840905; KR 840007666 A 19841210; KR 910003401 B1 19910530; MA 20030 A1 19841001; MX 156523 A 19880906; MY 100068 A 19890818; NO 158855 B 19880801; NO 158855 C 19881109; NO 840518 L 19840815; NZ 206997 A 19870430; PH 21864 A 19880325; PL 143934 B1 19880331; PL 246199 A1 19841119; PT 78100 A 19840301; PT 78100 B 19860327; SG 39087 G 19880916; SU 1340573 A3 19870923; US 4556393 A 19851203; ZA 84690 B 19840926

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EP 84810062 A 19840202; AT 84810062 T 19840202; AU 2406084 A 19840203; BG 6424684 A 19840214; BR 8400613 A 19840213; CA 447266 A 19840213; CS 82384 A 19840206; DD 26001184 A 19840210; DE 3460879 T 19840202; DK 62684 A 19840213; EG 9484 A 19840208; ES 287794 U 19840213; FI 840595 A 19840214; GR 840173766 A 19840209; HK 11988 A 19880210; HU 55984 A 19840213; IE 32584 A 19840213; IL 7082784 A 19840130; JP 2454384 A 19840214; KR 840000695 A 19840214; MA 20252 A 19840210; MX 20030584 A 19840213; MY P119870217 A 19870303; NO 840518 A 19840213; NZ 20699784 A 19840131; PH 30194 A 19840202; PL 24619984 A 19840213; PT 7810084 A 19840214; SG 39087 A 19870429; SU 3699944 A 19840210; US 57826284 A 19840208; ZA 84690 A 19840130