

Title (en)  
MAGNETIC BUILDING BLOCK PLAYING SYSTEM

Title (de)  
MAGNETSPIELBAUKASTEN

Title (fr)  
JEU DE CONSTRUCTION A ELEMENTS MAGNETIQUES DEMONTABLES

Publication  
**EP 0710142 A1 19960508 (DE)**

Application  
**EP 94914348 A 19940511**

Priority  
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• DE 4317829 A 19930528

Abstract (en)  
[origin: CA2163765A1] A magnetic building block playing system has magnetic building blocks for building miniature models of imaginary or historic buildings and settlements. The basic element of the system is a magnetic building block with the following characteristics: (a) it has a cuboid shape of brick size; (b) its base material is an ordinary plastic material (for example ABS) and its magnetic material is a magnetisable thermoplastic material; (c) its magnetic coupling points are shaped as squares or circles with axially symmetrical, overlapping inner and outer surfaces; and (d) it is magnetised so that the inner and outer surfaces of the coupling points are unlike, so that the coupling points of two surfaces to be coupled are oppositely poled.

IPC 1-7  
**A63H 33/04**

IPC 8 full level  
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CPC (source: EP KR)  
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See references of WO 9427696A1

Designated contracting state (EPC)  
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**DE 4317829 C1 19940707**; AU 6676594 A 19941220; AU 678010 B2 19970515; BR 9406633 A 19960206; CA 2163765 A1 19941208; CN 1124461 A 19960612; EP 0710142 A1 19960508; JP H09500288 A 19970114; KR 960702337 A 19960427; PL 311578 A1 19960219; WO 9427696 A1 19941208

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**DE 4317829 A 19930528**; AU 6676594 A 19940511; BR 9406633 A 19940511; CA 2163765 A 19940511; CN 94192230 A 19940511; DE 9400565 W 19940511; EP 94914348 A 19940511; JP 50009095 A 19940511; KR 19950705378 A 19951128; PL 31157894 A 19940511