

Title (en)  
MODULAR BUILDING BLOCK AND ELECTRONIC BUILDING BLOCK SYSTEM

Title (de)  
MODULARER BAUSTEIN UND ELEKTRONISCHES BAUSTEINSYSTEM

Title (fr)  
BLOC DE CONSTRUCTION MODULAIRE ET SYSTÈME DE BLOC DE CONSTRUCTION ÉLECTRONIQUE

Publication  
**EP 3162420 A4 20180228 (EN)**

Application  
**EP 15810972 A 20150413**

Priority  
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• CN 2015076452 W 20150413

Abstract (en)  
[origin: EP3162420A1] A modular block, comprising a circuit board (1), a functional circuit (2) disposed on the circuit board (1), an input connector (3) and an output connector (4). The input connector (3) and the output connector (4) are both provided with a plurality of conductive terminals (5) connected to the circuit board (1). The plurality of conductive terminals (5) are a positive power conductive terminal, a negative power conductive terminal and a data signal conductive terminal respectively. At least one of the input connector (3) and the output connector (4) is provided with a plurality of the data signal conductive terminals. Also provided is an electronic block system. The input connector (3) and the output connector (4) of the modular block can be provided with one or more data signal conductive terminals according to actual needs, data signal lines can be expanded for use, and the modular block has more functions and applications.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
• [XY] WO 2014032043 A1 20140227 - BDEIR AYA [US]  
• [XA] EP 0914853 A2 19990512 - SYSTEM WATT CO LTD [JP]  
• [XY] CN 103083924 A 20130508 - HANGZHOU SUZE ELECTRONIC TECHNOLOGY CO LTD  
• [X] WO 2014032807 A1 20140306 - KINEMATICS GMBH [DE]  
• [Y] US 3786391 A 19740115 - MATHAUSER W  
• See references of WO 2015196845A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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