

Title (en)  
MODULAR BLOCK AND ELECTRONIC BLOCK SYSTEM

Title (de)  
MODULARER BLOCK UND ELEKTRONISCHES BLOCKSYSTEM

Title (fr)  
BLOC MODULAIRE ET SYSTÈME DE BLOC ÉLECTRONIQUE

Publication  
**EP 3162420 A1 20170503 (EN)**

Application  
**EP 15810972 A 20150413**

Priority  
• CN 201420353423 U 20140627  
• CN 2015076452 W 20150413

Abstract (en)  
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  
**A63H 33/10** (2006.01)

CPC (source: EP US)  
**A63H 33/042** (2013.01 - EP US); **A63H 33/046** (2013.01 - EP US); **A63H 33/10** (2013.01 - EP US); **A63H 33/26** (2013.01 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3162420 A1 20170503**; **EP 3162420 A4 20180228**; **EP 3162420 B1 20190612**; CN 203944133 U 20141119; US 2017106308 A1 20170420; WO 2015196845 A1 20151230

DOCDB simple family (application)  
**EP 15810972 A 20150413**; CN 201420353423 U 20140627; CN 2015076452 W 20150413; US 201615391596 A 20161227