

Title (en)  
Multi-key electronic music instrument

Title (de)  
Mehrtastiges elektronisches Musikinstrument

Title (fr)  
Instrument de musique électronique multitouches

Publication  
**EP 2434480 A1 20120328 (EN)**

Application  
**EP 10178553 A 20100923**

Priority  
EP 10178553 A 20100923

Abstract (en)  
A multi-key electronic music instrument includes a main body (1) including operational keys (11) distributed in at least two rows and functional keys (11a), and a circuit board (2) having an integrated circuit (IC) (3) saving at least seven electronic sounds corresponding to music notes of Do, Re, Mi, Fa, So, La and Si in the diatonic scale, functional programs and electronic games. Each of the operational keys (11) corresponds to at least one music note. When one of the operational keys (11) is pressed down, the IC (3) generates a sound corresponding to the music note. When the functional key (11a) is pressed, the IC (3) executes the corresponding function in the functional programs, such as raising a tone of the music note. When the electronic games are played, the operational keys (11) and the function keys (11a) are used as controlling keys to play games.

IPC 8 full level  
**G10H 1/34** (2006.01); **G09B 15/08** (2006.01)

CPC (source: EP)  
**G10H 1/344** (2013.01); **G10H 2220/141** (2013.01); **G10H 2220/261** (2013.01); **G10H 2220/295** (2013.01); **G10H 2230/055** (2013.01)

Citation (search report)

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- [I] US 2006230909 A1 20061019 - SONG JUNG M [KR], et al
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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 SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**EP 2434480 A1 20120328**

DOCDB simple family (application)  
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