

Title (en)

Keyboard with dynamics control for electronic musical instruments.

Title (de)

Tastatur mit Dynamiksteuerung für elektronische Musikinstrumente.

Title (fr)

Clavier avec commande de dynamique pour instruments de musique électroniques.

Publication

EP 0121064 A1 19841010 (EN)

Application

EP 84101556 A 19840215

Priority

IT 1961683 A 19830216

Abstract (en)

This invention relates to a process and means for providing a keyboard of electronic musical instruments with dynamics control. Each key (20), movable between two extreme positions defining two possible states, shifts a mass (23) which can move along a path, defined by a guide. The displacement speed of said mass (23) between two predetermined sights (25, 27) is closely related to the sound intensity from the instrument. Said speed is suitably transduced to cause an output voltage regulating the sound intensity emitted from the frequency and envelope generator device.

IPC 1-7

G10H 1/34; **G10H 1/057**

IPC 8 full level

G10B 3/12 (2006.01); **G10H 1/057** (2006.01); **G10H 1/18** (2006.01); **G10H 1/053** (2006.01); **G10H 1/34** (2006.01)

CPC (source: EP)

G10H 1/057 (2013.01); **G10H 1/346** (2013.01)

Citation (search report)

- [A] WO 8001427 A1 19800710 - ARP INSTR [US]
- [A] US 4154133 A 19790515 - KITAWAGA HIROSHI [JP]

Cited by

EP0206284A3; GB2178216A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0121064 A1 19841010; AU 2466384 A 19840823; IT 1193674 B 19880721; IT 8319616 A0 19830216; JP S59218496 A 19841208

DOCDB simple family (application)

EP 84101556 A 19840215; AU 2466384 A 19840216; IT 1961683 A 19830216; JP 2795384 A 19840216