

Title (en)

RETROACTIVE MODULAR KEYBOARD AND FLAT MODULAR ACTIVATOR

Publication

**EP 0365441 B1 19930728 (FR)**

Application

**EP 89420385 A 19891010**

Priority

FR 8814064 A 19881013

Abstract (en)

[origin: EP0365441A1] The present invention relates to a retroactive modular keyboard provided with keys enabling a sensation characteristic of the said key to be returned to the user. Each key is one element of a flat, autonomous, parallelepipedal module (1) comprising a motor, a position sensor and means of electrical connection. Each module comprises means for fixing it to the adjacent module, and the keys are connected to a central processing unit in order to confer upon them the desired response by action on the motor and in order to process the signals from the sensor.  
<IMAGE>

IPC 1-7

**G10H 1/34**

IPC 8 full level

**G10F 1/02** (2006.01); **G10B 3/12** (2006.01); **G10C 3/12** (2006.01); **G10H 1/34** (2006.01)

CPC (source: EP US)

**G10C 3/12** (2013.01 - EP US); **G10H 1/346** (2013.01 - EP US); **G10H 2220/256** (2013.01 - EP); **G10H 2220/311** (2013.01 - EP US);  
**Y10S 84/07** (2013.01 - EP US)

Cited by

FR2867539A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0365441 A1 19900425**; **EP 0365441 B1 19930728**; DE 68907853 D1 19930902; DE 68907853 T2 19940317; ES 2044194 T3 19940101;  
FR 2638010 A1 19900420; FR 2638010 B1 19910118; JP 2730216 B2 19980325; JP H02222995 A 19900905; US 5107262 A 19920421

DOCDB simple family (application)

**EP 89420385 A 19891010**; DE 68907853 T 19891010; ES 89420385 T 19891010; FR 8814064 A 19881013; JP 26529989 A 19891013;  
US 42024289 A 19891012