

Title (en)

Keyboard musical instrument featuring an electronic device for detecting the percussion mode of sound generating elements

Title (de)

Musikalisches Tasteninstrument mit einer elektronischen Vorrichtung zur Erkennung der Percussionsart von den klangerzeugenden Elementen

Title (fr)

Instrument de musique à touches avec dispositif électronique pour détecter le mode de percussion des éléments générateurs de son

Publication

**EP 0722159 A1 19960717 (EN)**

Application

**EP 96100226 A 19960109**

Priority

IT TO950005 U 19950110

Abstract (en)

A keyboard musical instrument wherein, by means of a respective transmission mechanism (1), each key (2) strikes a corresponding sound generating element (19). The instrument presents a device (34) in turn presenting a number of sensors (40), each for generating a signal depending on the movement of a terminal actuating member (12) of each transmission mechanism (1), and an electronic musical note generator (35) employing as input signals the electric signals supplied by the sensors (40). In the event the instrument is a piano, the actuating member (12) whose movement is detected by the sensor is conveniently formed by a portion of the hammer (11) striking the piano strings (19). <IMAGE>

IPC 1-7

**G10H 1/34**

IPC 8 full level

**G10H 1/34** (2006.01)

CPC (source: EP)

**G10H 1/344** (2013.01)

Citation (search report)

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**EP 0722159 A1 19960717**; IT 235754 Y1 20000718; IT TO950005 U1 19960710; IT TO950005 V0 19950110

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