

Title (en)

KEY FORCE-DISTANCE RATIO MEASURING DEVICE FOR KEYBOARD INSTRUMENTS

Publication

EP 0294717 B1 19920819 (DE)

Application

EP 88108885 A 19880603

Priority

AT 144587 A 19870609

Abstract (en)

[origin: EP0294717A2] The device is used to monitor the keyboard (2) of a keyboard instrument. By means of the device, the force-distance ratio for the individual keys (6, 7) is determined. Provided above the keyboard (2) is a guide rail (1) on which a stepping motor (4) is displaceably mounted. The spindle (5) of this stepping motor (4) is directed towards the individual keys (6, 7) and is displaceable against the latter by steps. This spindle (5) is further fitted with a pressure- sensitive sensor (8). The sensor (8) and the drive of the stepping motor (4) are connected via an electronic control device to a recording unit (stylus and/or printer) which records the force necessary to depress the key, as a function of distance. From the recordings and/or diagrams thus produced, it is possible to determine whether the keyboard is in order or requires to be overhauled or even repaired. <IMAGE>

IPC 1-7

G01L 5/00; G10C 3/20; G10C 9/00

IPC 8 full level

G10C 9/00 (2006.01)

CPC (source: EP)

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Cited by

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