

Title (en)

RECORDER KEYS PROVIDED WITH A PARTIALLY PIERCED CLOSURE PLATE WITH A CLIP SYSTEM

Title (de)

KLAPPE FÜR EINE BLOCKFLÖTE MIT EINER TEILWEISE BEDECKENDEN DURCHLÖCHERTEN SCHEIBE, UND EINEM KLIPPSYSTEM

Title (fr)

CLES POUR FLUTE A BEC DOTEES D'UN PLATEAU PERCE PARTIELLEMENT OBTURANT AVEC SYSTEME DE CLIP

Publication

EP 1112564 B1 20030409 (FR)

Application

EP 99940283 A 19990902

Priority

- FR 9902098 W 19990902
- FR 9811180 A 19980908

Abstract (en)

[origin: WO0014718A1] The invention concerns keys for a recorder and wind instruments provided with a partially pierced closure plate with a specific clip system. It concerns the type of keys, fixed by a screw or a specific clip system, provided with a partially closing plate pierced with a hole for a recorder in one or several parts, in C, F or any other tonality, and for a wind or air passage instrument, to facilitate playing certain notes. The system consists of a plate lined with a pad (H), and pierced with a single hole in the diameter and in the axis of the modifying hole for C clef, C sharp and D, D sharp clef (or F, F sharp clef or G clef, G sharp for the recorder in F) and one third of a hole in the axis of the upper third of the octave hole (D) for the octave key. The key provided with an arm, a stop (K), a spring stem (P), is mounted in a slightly raised position relative to the hole of the instrument body on a standard fixing system by screw or a fast fixing system by clip with a groove and fixed axis of rotation, and is lowered by simply pressing the finger on the plate hole and/or the solid part thereof depending on the desired note. The invention is particularly designed for a recorder for learning or concert performance.

IPC 1-7

G10D 9/04; **G10D 7/02**

IPC 8 full level

G10D 7/02 (2006.01); **G10D 9/04** (2006.01)

CPC (source: EP)

G10D 7/03 (2020.02); **G10D 9/047** (2020.02)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0014718 A1 20000316; **WO 0014718 A9 20000525**; AT E237175 T1 20030415; DE 69906762 D1 20030515; DE 69906762 T2 20050120; EP 1112564 A1 20010704; EP 1112564 B1 20030409; ES 2199589 T3 20040216; FR 2783078 A1 20000310; FR 2783078 B1 20001222

DOCDB simple family (application)

FR 9902098 W 19990902; AT 99940283 T 19990902; DE 69906762 T 19990902; EP 99940283 A 19990902; ES 99940283 T 19990902; FR 9811180 A 19980908