

**CPC****COOPERATIVE PATENT CLASSIFICATION****G10C****PIANOS, HARPSICHORDS, SPINETTS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARD**

( non-musical aspects of toy pianos [A63H 5/00](#); aspects of automatic actuation [G10E](#); combinations of microphones, pick-ups or amplifiers with musical instruments [G10H](#) )

**G10C 1/00****General design**[G10C 1/02](#)

- . of upright pianofortes

[G10C 1/04](#)

- . of grand pianofortes

[G10C 1/06](#)

- . of cembaloes, spinets, or similar stringed instruments { ([keyboard-operated zithers](#) [G10D 3/085](#) ) }

**G10C 3/00****Details or accessories**[G10C 3/02](#)

- . Cases

[G10C 3/04](#)

- . Frames; Bridges; Bars

[G10C 3/06](#)

- . Resonating means, e.g. resonant strings, soundboards; Fastenings of the resonating means

[G10C 3/08](#)

- . Arrangements of strings

[G10C 3/10](#)

- . Tuning pins or straining devices

[G10C 3/103](#)

- .. { the axis of the pins being parallel to the string }

[G10C 3/106](#)

- .. { the axis of the pins being perpendicular to the string }

[G10C 3/12](#)

- . Keyboards; Keys

[G10C 3/125](#)

- .. { Materials or treatment of materials for the manufacturing of keys }

[G10C 3/14](#)

- .. for actuation by the feet

[G10C 3/16](#)

- . Actions

[G10C 3/161](#)

- .. { specially adapted for upright pianos }

[G10C 3/163](#)

- ... { the actions being mounted in a plane below the keyboard }

[G10C 3/165](#)

- .. { for plucking the strings, i.e. for instruments covered by group [G10C 1/06](#) ( plucking mechanisms for keyboard-operated zithers [G10D 3/085](#) ) }

[G10C 3/166](#)

- .. { for damping a string ( [G10C 3/161](#), [G10C 3/168](#), [G10C 3/20](#), [G10C 3/22](#), [G10C 3/26](#) take precedence ) }

[G10C 3/168](#)

- .. { with a hanging jack, i.e. jack connected to hammer-butt or hammer-shank }

[G10C 3/18](#)

- .. Hammers

[G10C 3/20](#)

- .. involving the use of hydraulic, pneumatic, or electromagnetic means

[G10C 3/22](#)

- .. { specially adapted } for grand pianofortes

- G10C 3/225 . . . { the actions, in particular the hammers, being mounted above the strings, i.e. hammers hitting downwards }
- G10C 3/24 . . for reciprocating of tremolo {( [G10C 3/161](#), [G10C 3/168](#), [G10C 3/20](#), [G10C 3/22](#) take precedence )}
- G10C 3/26 . Pedals or pedal mechanisms for half-blow or similar sound modifying
- G10C 3/28 . Transposing devices
- G10C 3/30 . Couplers, e.g. for playing octaves
- G10C 5/00** **Combinations with other musical instruments, e.g. with bells or xylophones**
- G10C 5/005 . { Switching the keyboard from piano playing to playing another instrument }
- G10C 9/00** **Methods or tools specially adapted for the manufacture or maintenance of musical instruments covered by this subclass**