

**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 [G10F](#); 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 cembaloos, 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**