

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](#))

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|-------------|---|-------------|--|
| 1/00 | General design | 9/00 | Methods or tools specially adapted for the manufacture or maintenance of musical instruments covered by this subclass |
| 1/02 | • of upright pianofortes | | |
| 1/04 | • of grand pianofortes | | |
| 1/06 | • of cembaloos, spinets, or similar stringed instruments { (keyboard-operated zithers G10D 3/085) } | | |
| 3/00 | Details or accessories | | |
| 3/02 | • Cases | | |
| 3/04 | • Frames; Bridges; Bars | | |
| 3/06 | • Resonating means, e.g. resonant strings, soundboards; Fastenings of the resonating means | | |
| 3/08 | • Arrangements of strings | | |
| 3/10 | • Tuning pins or straining devices | | |
| 3/103 | • . {the axis of the pins being parallel to the string} | | |
| 3/106 | • . {the axis of the pins being perpendicular to the string} | | |
| 3/12 | • Keyboards; Keys | | |
| 3/125 | • . {Materials or treatment of materials for the manufacturing of keys} | | |
| 3/14 | • . for actuation by the feet | | |
| 3/16 | • Actions | | |
| 3/161 | • . {specially adapted for upright pianos} | | |
| 3/163 | • . . {the actions being mounted in a plane below the keyboard} | | |
| 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) } | | |
| 3/166 | • . {for damping a string (G10C 3/161 , G10C 3/168 , G10C 3/20 , G10C 3/22 , G10C 3/26 take precedence)} | | |
| 3/168 | • . {with a hanging jack, i.e. jack connected to hammer-butt or hammer-shank} | | |
| 3/18 | • . Hammers | | |
| 3/20 | • . involving the use of hydraulic, pneumatic, or electromagnetic means | | |
| 3/22 | • . {specially adapted} for grand pianofortes | | |
| 3/225 | • . . {the actions, in particular the hammers, being mounted above the strings, i.e. hammers hitting downwards} | | |
| 3/24 | • . for reciprocating of tremolo { (G10C 3/161 , G10C 3/168 , G10C 3/20 , G10C 3/22 take precedence)} | | |
| 3/26 | • Pedals or pedal mechanisms for half-blow or similar means for modifying the sound | | |
| 3/28 | • Transposing devices | | |
| 3/30 | • Couplers, e.g. for playing octaves | | |
| 5/00 | Combinations with other musical instruments, e.g. with bells or xylophones | | |
| 5/005 | • {Switching the keyboard from piano playing to playing another instrument} | | |