**INSTRUMENTS**

**G10**  **MUSICAL INSTRUMENTS; ACOUSTICS**

**G10C**  **PIANOS, HARPSCICHORDS, SPINETS OR SIMILAR STRINGED MUSICAL INSTRUMENTS WITH ONE OR MORE KEYBOARDS** (automatic musical instruments **G10F**)

**NOTES**

1. In groups G10C 1/00, G10C 3/00 and G10C 9/00, multi-aspect classification is applied, so that subject matter characterised by aspects covered by more than one of their subgroups should be classified in each of those subgroups.

2. In this subclass, the specific types of musical instruments are covered by group G10C 1/00, while aspects relevant to the details thereof or the accessories therefor are covered by groups G10C 3/00-G10C 9/00.

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**3/00**  **Details or accessories**

**WARNING**

Group G10C 3/00 is impacted by reclassification into group G10C 3/07.

Groups G10C 3/00 and G10C 3/07 should be considered in order to perform a complete search.

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**3/02**  **Cases**

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**3/04**  **Frames; Bridges; Bars**

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**3/06**  **Resonating means, e.g. soundboards or resonant strings; Fastenings thereof**

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**3/07**  **Strings** (resonant strings G10C 3/06)

**WARNING**

Group G10C 3/07 is incomplete pending reclassification of documents from group G10C 3/00.

Groups G10C 3/00 and G10C 3/07 should be considered in order to perform a complete search.

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**3/08**  **Arrangements thereof**

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**3/10**  **Tuning pins; Tensioning devices**

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**3/103**  **the axis of the pins being parallel to the strings**

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**3/106**  **the axis of the pins being perpendicular to the strings**

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**3/12**  **Keyboards; Keys**

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**3/125**  **[Materials or treatment of materials for the manufacturing of keys]**

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**3/14**  **for playing by the feet**

**WARNING**

Group G10C 3/14 is incomplete pending reclassification of documents from group G10C 3/26.

Groups G10C 3/26 and G10C 3/14 should be considered in order to perform a complete search.

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**3/16**  **Actions**

**WARNING**

Group G10C 3/161 is impacted by reclassification into groups G10C 3/166 and G10C 3/24.

Groups G10C 3/161, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.

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**3/163**  **the action being mounted in a plane below the keyboard**

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**3/165**  **for plucking the strings**

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**3/166**  **for damping the strings (G10C 3/26 takes precedence)**

**WARNING**


All groups listed in this Warning should be considered in order to perform a complete search.
with hanging jacks, i.e. jacks connected to hammer-butts or hammer-shanks

**WARNING**
Group G10C 3/168 is impacted by reclassification into groups G10C 3/166 and G10C 3/24.
Groups G10C 3/168, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.

Hammers

- involving the use of hydraulic, pneumatic or electromagnetic means

**WARNING**
Group G10C 3/20 is impacted by reclassification into groups G10C 3/166 and G10C 3/24.
Groups G10C 3/20, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.

specially adapted for grand pianos

**WARNING**
Group G10C 3/22 is impacted by reclassification into groups G10C 3/166 and G10C 3/24.
Groups G10C 3/22, G10C 3/166, and G10C 3/24 should be considered in order to perform a complete search.

with hammers mounted above the strings, striking downwards

Repetition [tremolo] mechanisms

**WARNING**
All groups listed in this Warning should be considered in order to perform a complete search.

Pedals or pedal mechanisms (G10C 3/14 takes precedence); Manually operated sound modification means

**WARNING**
Group G10C 3/26 is impacted by reclassification into group G10C 3/14.
Groups G10C 3/26 and G10C 3/14 should be considered in order to perform a complete search.

Transposing devices

Couplers, e.g. for playing octaves

Combinations with other musical instruments, e.g. with bells or xylophones

Switching musical instruments to a keyboard, e.g. switching a piano mechanism or an electrophonic instrument to a keyboard; Switching musical instruments to a silent mode