

Title (en)

Method of manufacturing a stringed instrument and stringed instrument obtained by carrying out the same.

Title (de)

Verfahren zur Herstellung eines Saiteninstruments und ein, durch dieses Verfahren erzeugtes, Saiteninstrument.

Title (fr)

Procédé de fabrication d'un instrument à cordes et instrument à cordes réalisé par ce procédé.

Publication

**EP 0138240 A1 19850424 (EN)**

Application

**EP 84201184 A 19840815**

Priority

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- NL 8303707 A 19831027

Abstract (en)

The invention relates to a method for manufacturing a stringed instrument, for example, a violin, a lyre or a harp comprising a frame, a lower plate glued to said frame, a top plate glued to said frame, said frame together with said plates bounding a sound box and comprising a fastening part extending outside said sound box and into said sound box and provided with string fastening members, which may be adjustable, a second fastening part arranged on the side remote from the first fastening part on the frame and/or the top plate and provided with string fastening members, strings stretching between the fastening members of the two fastening members across the sound box and means for transmitting the vibrations of the strings to the top plate and/or the lower plate. In order to obtain an optimal consonance, so that excellent balance is ensured throughout the tone range of the instrument, the invention proposes a method in which first a first glue layer is applied between the bottom plate or the top plate and the frame, the plate concerned and the frame are brought into contact with one another through said first glue layer and the first glue layer is cured, after which or in addition a second glue layer is applied between the other plate and the frame, whilst leaving free the transition zone between the first fastening part of the sound space, the plate concerned and the frame being brought into contact with one another through the second glue layer, which is cured, the strings being subsequently mounted and stretched, whilst finally at the area of said transition zone a mass of glue is applied and allowed to cure.

IPC 1-7

**G10D 1/00**; **G10D 3/02**

IPC 8 full level

**G10D 1/00** (2006.01); **G10D 3/02** (2006.01)

CPC (source: EP)

**G10D 3/02** (2013.01); **G10D 3/22** (2020.02)

Citation (search report)

- [A] US 3302507 A 19670207 - FENDER CLARENCE L
- [A] DE 2059972 A1 19720629 - WINTER JUN WILLIBALD
- [A] EP 0038907 A1 19811104 - POLITECHNIKA SLASKA IM WINCENT [PL]

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