

Title (en)

Method for improving the acoustic properties of tone wood for musical instruments

Title (de)

Verfahren zur Verbesserung der akustischen Eigenschaften von Klangholz für Musikinstrumente

Title (fr)

Procédé destiné à l'amélioration des propriétés acoustiques de bois de résonance pour instruments de musique

Publication

EP 1734504 A1 20061220 (DE)

Application

EP 06009565 A 20060509

Priority

DE 102005027424 A 20050614

Abstract (en)

Resonant wood is exposed to the action of a type of fungus that decomposes the wood. The type of fungus and period of treatment are chosen to increase the ratio of velocity of sound of the wood to the bulk density of the wood while preventing strength values of the resonant wood from falling below predetermined minimum values. The types of fungus utilized occur naturally on spruce and maple, preferably Asco-und Basidiomycetes from the family of Leotiaceae, Polyporaceae, Schizophyllaceae, Tricholomataceae and Xylariaceae.

IPC 8 full level

G10D 1/00 (2006.01)

CPC (source: EP US)

B27K 3/002 (2013.01 - EP US); **G10D 3/22** (2020.02 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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