

Title (en)

Soundboard with fibre reinforced composite material for stringed instruments

Title (de)

Resonanzplatte in Faserverbund-Bauweise für akustische Musikinstrumente

Title (fr)

Table d'harmonie en matériau renforcé de fibres pour des instruments de musique à cordes

Publication

EP 1630785 A1 20060301 (DE)

Application

EP 05007784 A 20050408

Priority

DE 102004041011 A 20040824

Abstract (en)

The board has three sheets (1, 2, 3), which extend over a substantial part of the entire surface of the soundboard. The two outer sheets, each containing a layer of long fibres, are embedded in a carrier material, and the middle sheet has a lower density than the two outer sheets. The long fibres of the two outer sheets are disposed parallel to one another in the respective sheet and extend at acute angles between 2 and 25 degree.

IPC 8 full level

G10C 3/06 (2006.01); **G10D 1/00** (2006.01); **G10D 3/02** (2006.01)

CPC (source: EP US)

G10D 3/02 (2013.01 - EP US); **G10D 3/22** (2020.02 - EP US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1630785 A1 20060301; **EP 1630785 B1 20070613**; DE 102004041011 A1 20060302; DE 502005000849 D1 20070726; US 2006042448 A1 20060302; US 7235728 B2 20070626

DOCDB simple family (application)

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