

Title (en)

Sound Pick-up Device, Sound Instrument and Method for Picking-up Sound Vibrations

Title (de)

Schallschwingungsabnahmesystem, Klanginstrument und Verfahren zur Abnahme von Schallschwingungen

Title (fr)

Dispositif de prise de son, instrument sonore et méthode de prise de son.

Publication

**EP 1471498 A3 20050202 (DE)**

Application

**EP 04009134 A 20040416**

Priority

DE 10318216 A 20030422

Abstract (en)

[origin: EP1471498A2] The sound pickup system (30) for the electric cello or guitar consists of piezoelectric membranes (14) with electrical connections (15). The strings (9) of the string instrument press on the upper portion of a bridge (5). The upper portion of the bridge is held on flexible side mountings (13) and a spring-loaded (4) central mounting with flexures on a baseplate (1). Pressure members (7) on arms (11) on the upper bridge bend the piezoelectric membrane to produce electrical signals.

IPC 1-7

**G10H 1/32**; **G10H 3/14**; **G10L 15/00**

IPC 8 full level

**G10H 1/32** (2006.01); **G10H 3/18** (2006.01)

CPC (source: EP)

**G10H 1/32** (2013.01); **G10H 3/185** (2013.01); **G10H 2220/465** (2013.01); **G10H 2220/525** (2013.01)

Citation (search report)

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Cited by

CN112037743A; WO2016159911A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1471498 A2 20041027**; **EP 1471498 A3 20050202**; DE 10318216 A1 20041125; DE 10318216 B4 20060316

DOCDB simple family (application)

**EP 04009134 A 20040416**; DE 10318216 A 20030422