Title (en)

Vibrato based percussion instruments

Title (de)

Vibrato-basierte Schlaginstrumente

Title (fr)

Instruments de percussion à base de vibrato

Publication

EP 2023336 A2 20090211 (EN)

Application

EP 08010013 A 20080602

Priority

US 77873507 A 20070717

Abstract (en)

A percussion instrument that produces a vibrato which is the most noticeable characteristic of the instrument. In one embodiment, the instrument is configured as a single two-dimensional curve, or a primary curve which is deeper or more pronounced than secondary curves along the surface of said instrument, and wherein said primary curve facilitates an oscillating flexing motion which produces an increase in the amplitude of the lowest frequency mode of vibration, the low pitch frequency modulates the whole of the spectrum of a musical sound by repeatedly raising and lowering said spectrum of sound in a periodic or oscillating manner, this effect being defined here as "vibrato". The instrument is suspended from one or more points, by means of an instrument supporting member or mounting device, rigid or flexible. The suspension or mounting points approximate the nodal area of the instrument.

IPC 8 full level (invention and additional information)

G10D 13/06 (2006.01)

CPC (invention and additional information)

G10D 13/06 (2013.01)

Cited by

FR2942903A1; WO2010100183A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family

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