Title (en)

Optimised musical disc-comb for timepiece

Title (de)

Optimierte Tastenscheibe eines Schlagwerks für Uhr

Title (fr)

Disque-clavier de sonnerie optimisé pour pièce d'horlogerie

Publication

EP 2881935 B1 20170712 (FR)

Application

EP 13196156 A 20131209

Priority

EP 13196156 A 20131209

Abstract (en)

[origin: CN104698807A] A disc-vibration plate assembly (1) for a musical or striking timepiece (1000), including at least one disc (2) rotating about an axis (D) and provided with pins (3) projecting substantially parallel to this axis (D), and arranged to cooperate with strips (4) comprised in at least one vibration plate of this assembly (1), each pin including an actuation surface (30) arranged to cooperate with a complementary receiving surface of a corresponding strip (4) and the section of these strips of the vibration plate gradually increases from the shortest strip (4C) which is the highest pitched, to the longest strip which is the lowest pitched. The complementary receiving surface (40) includes an end edge (42), which, at the end of actuation of the strip (4), is on the same radius as a complementary end edge (32) comprised in the pin (3).

IPC 8 full level

G10F 1/06 (2006.01); **G04B 21/08** (2006.01); **G04B 23/00** (2006.01); **G04B 23/02** (2006.01)

CPC (source: CH EP US)

G04B 21/08 (2013.01 - CH EP US); **G04B 23/005** (2013.01 - EP US); **G04B 23/026** (2013.01 - EP US); **G04B 23/028** (2013.01 - EP US); **G04B 23/12** (2013.01 - CH); **G10F 1/06** (2013.01 - CH EP US); G04B 23/12 (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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