

Title (en)

Gong for a striking mechanism in a timepiece

Title (de)

Tonfeder für ein Schlagwerk einer Uhr

Title (fr)

Timbre pour mécanisme de sonnerie de pièce d'horlogerie

Publication

EP 1760549 A1 20070307 (FR)

Application

EP 05405507 A 20050901

Priority

EP 05405507 A 20050901

Abstract (en)

The gong (1) has an end comprising a fixation element (1a) for fixing the end to a frame of a timepiece, where the gong is in the form of a bended blade having 0.2 millimeter thickness. A free part of the blade is conformed so that its natural vibration frequency is located in field of sound consecutive to a percussion exerted on a section of the free part. The fixation element and the blade constitute a single piece with uniform thickness.

IPC 8 full level

G04B 21/12 (2006.01)

CPC (source: EP)

G04B 21/12 (2013.01)

Citation (search report)

- [XA] EP 0451335 A1 19911016 - INT WATCH CO IWC [CH]
- [A] US 2004090869 A1 20040513 - SCHMIEDCHEN CHRISTIAN [DE]
- [A] DE 64094 C
- [A] DE 92235 C
- [A] BERNER, G.-A: "Dictionnaire professionnel illustré de l'horlogerie", 1961, CHAMBRE SUISSE DE L'HORLOGERIE, CHAUX DE FONDS, CH, XP002386681

Cited by

CH708885A1; EP2048549A3; EP3211488A1; CN107132751A; US7746732B2; US10437199B2; EP2984525B1

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