

Title (en)

Striking mechanism for a watch with device to eliminate gong noise

Title (de)

Schlagwerkmechanismus mit schalldämmender Anordnung für eine Glocke einer Armbanduhr

Title (fr)

Mécanisme de sonnerie à agencement isolateur de bruit d'un timbre pour une montre

Publication

EP 2320282 B1 20120620 (FR)

Application

EP 09175266 A 20091106

Priority

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Abstract (en)

[origin: EP2320282A1] The mechanism has gongs (3-5), where each gong is fixed to a gong holder at one of its ends, where the holder is secured to a plate. Hammers are mounted on the plate for hitting each gong. A noise insulator arrangement formed of an insulating part (6) and a counter insulating part (7) insulates noise of the gong. The insulating part is fixed to be moved by a driving unit formed of a lever in a form of minute rack and levers (11, 12), so that a portion of the insulating part is close to the gong in a rest mode or at remote from the gong in a striking mode. The insulating part and counter-insulating parts are made of elastically deformable plastic materials.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2824520A1; EP2843484A1; US9575467B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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