

Title (en)

Driving method of a vibrating device for a portable object, with a coil and a moving mass

Title (de)

Verfahren zum Antrieb einer Schwingungsvorrichtung für ein tragbares Gerät, mit einer Spule und einer bewegbaren Masse

Title (fr)

Procédé d'entraînement d'un dispositif vibrant pour un objet portable, qui comprend une bobine et une masse mobile

Publication

EP 1669821 B1 20110302 (FR)

Application

EP 05111845 A 20051208

Priority

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- EP 05111845 A 20051208

Abstract (en)

[origin: EP1669821A1] The method involves providing rectangular voltage pulses of alternate polarity without interruption between each pulse, to a coil of a vibrating device, with the help of a driving circuit (1). Width of the pulses are modulated in a similar manner during successive oscillation periods in order to define a sinusoidal voltage wave of determined amplitude whose fundamental frequency is adapted to resonant frequency of mobile mass.

IPC 8 full level

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