

Title (en)

Mechanism generating at least a tone

Title (de)

Mechanismus zur Erzeugung von mindestens eines Klangs

Title (fr)

Mécanisme générateur d'au moins une sonorité

Publication

EP 1715393 A1 20061025 (FR)

Application

EP 05008838 A 20050422

Priority

EP 05008838 A 20050422

Abstract (en)

The mechanism has a cam (10) pivoting mounted on a drive shaft, a gong (12), and a spring clip (14) of the cam. One of cam's pins (16a) abuts against a notch (18) of the clip and the cam isolates the gong from its normal horizontal position by another pin (16b), when the cam is blocked. The cam is released from the clip (14) and releases the gong suddenly to return to its normal horizontal position to vibrate and to produce sound, when the cam is in an unblocked position.

IPC 8 full level

G04B 23/00 (2006.01); **G04B 21/00** (2006.01); **G04B 23/12** (2006.01); **G10F 1/06** (2006.01)

CPC (source: EP KR US)

G04B 21/00 (2013.01 - KR); **G04B 21/10** (2013.01 - EP US); **G04B 23/00** (2013.01 - KR); **G04B 23/12** (2013.01 - EP KR US); **G10F 1/06** (2013.01 - KR)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1715393 A1 20061025; AT E419565 T1 20090115; CN 100573366 C 20091223; CN 101164022 A 20080416; DE 602006004577 D1 20090212; EP 1875317 A1 20080109; EP 1875317 B1 20081231; HK 1119262 A1 20090227; JP 2008537127 A 20080911; JP 4896962 B2 20120314; KR 20080002840 A 20080104; US 2008185214 A1 20080807; US 7641023 B2 20100105; WO 2006111262 A1 20061026

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EP 05008838 A 20050422; AT 06723969 T 20060403; CN 200680013343 A 20060403; DE 602006004577 T 20060403; EP 06723969 A 20060403; EP 2006003011 W 20060403; HK 08110969 A 20080930; JP 2008506957 A 20060403; KR 20077023788 A 20071017; US 91226506 A 20060403