

Title (en)
Musical instrument with sound transducer

Title (de)
Musikinstrument mit Klangwandler

Title (fr)
Instrument de musique doté d'un accordeur

Publication
EP 1883064 B1 20151202 (DE)

Application
EP 07014781 A 20070727

Priority
DE 102006035188 A 20060729

Abstract (en)
[origin: EP1883064A1] The instrument has a sound transducer (11), which transforms an excitation signal produced from a resonator into a sound signal, where the sound transducer is provided with an adjustable oscillation profile. A profile parameter is defined by a reference profile (1) of a reference instrument (2). The reference profile is generated by a measurement technique detection of sound of the reference instrument. The sound transducer is designed as a part of a control circuit for evaluation of difference between the reference profile and an own profile of the sound transducer.

IPC 8 full level
G10H 1/06 (2006.01); **G10H 1/16** (2006.01); **G10H 3/18** (2006.01)

CPC (source: EP US)
G10H 1/06 (2013.01 - EP US); **G10H 2210/031** (2013.01 - EP US); **G10H 2250/235** (2013.01 - EP US); **G10H 2250/471** (2013.01 - EP US)

Citation (examination)
US 5581621 A 19961203 - KOYAMA YOSHIHIDE [JP], et al

Cited by
DE102015110938A1; EP2602787A1; DE102019005855A1; DE102019005855B4; US9099069B2; US11463057B2

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 LV MC MT NL PL PT RO SE SI SK TR

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