

Title (en)

ELECTRONIC MUSICAL INSTRUMENT, METHOD AND PROGRAM

Title (de)

ELEKTRONISCHES MUSIKINSTRUMENT, VERFAHREN UND PROGRAMM

Title (fr)

INSTRUMENT DE MUSIQUE ÉLECTRONIQUE, PROCÉDÉ ET PROGRAMME

Publication

**EP 3757984 A1 20201230 (EN)**

Application

**EP 20180044 A 20200615**

Priority

JP 2019120368 A 20190627

Abstract (en)

An electronic musical instrument includes: means for inputting, based on a user operation on at least one operation element (361), first waveform data to a first wave generator (3731) and second waveform data to a second wave generator (3741), wherein the second waveform data indicates positive/negative inversion data of a portion of the first waveform data exceeding a certain clipping level, so as to cause the first wave generator (3731) to output first output data (373) and the second wave generator (3741) to output second output data (374); and means for generating addition data based on the first output data (373) output from the first wave generator (3731) and the second output data (374) output from the second wave generator (3741).

IPC 8 full level

**G10H 1/057** (2006.01); **G10H 1/053** (2006.01); **G10H 1/34** (2006.01); **G10H 1/18** (2006.01); **G10H 7/02** (2006.01)

CPC (source: CN EP)

**G10H 1/00** (2013.01 - CN); **G10H 1/02** (2013.01 - CN); **G10H 1/053** (2013.01 - EP); **G10H 1/057** (2013.01 - EP); **G10H 1/342** (2013.01 - EP); **G10H 1/18** (2013.01 - EP); **G10H 7/02** (2013.01 - EP); **G10H 2230/075** (2013.01 - EP); **G10H 2250/541** (2013.01 - EP)

Citation (applicant)

JP 2011154394 A 20110811 - KAWAI MUSICAL INSTR MFG CO

Citation (search report)

- [XAY] US 2009080677 A1 20090326 - WEBSTER STEPHEN P [CA], et al
- [YA] US 5147970 A 19920915 - OBATA KATSUHIKO [JP]
- [YA] US 2008245213 A1 20081009 - IZUMISAWA GEN [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3757984 A1 20201230**; **EP 3757984 B1 20221130**; CN 112150990 A 20201229; JP 2021005062 A 20210114; JP 6922943 B2 20210818

DOCDB simple family (application)

**EP 20180044 A 20200615**; CN 202010572595 A 20200622; JP 2019120368 A 20190627