

Title (en)
EMULATION OF AT LEAST ONE SOUND OF A DRUM-TYPE PERCUSSION INSTRUMENT

Title (de)
EMULATION VON MINDESTENS EINEM TON EINES SCHLAGINSTRUMENTS VOM TROMMELTYP

Title (fr)
EMULATION D'AU MOINS UN SON D'INSTRUMENT DE PERCUSSION DU TYPE BATTERIE

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Application
EP 18700945 A 20180108

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• FR 1750229 A 20170111
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Abstract (en)
[origin: WO2018130768A1] The invention relates to a removable electronic device (100) for emulating at least one sound of a drum-type percussion instrument, said device (100) used to form an instrument from a striking element (EF) comprising: defining means (40) designed to define a striking area (ZF) on a tangible support; allocating means (50) configured so as to allocate a drum element associated with a predetermined sound to the striking area (ZF), in a database (DB); at least one sensor (10, 20) for generating a striking signal (s1) comprising at least one piece of information, called striking information, in relation to the striking action of a user (U) with the striking element (EF) in the striking area (ZF); computer processing means (60) implementing a processing algorithm configured to process the striking signal (s1) in such a way as to spatially locate said striking in order to detect the area struck and to determine the drum element corresponding to said struck area (ZF); and generating means (70) designed to generate a sound signal (s2) comprising information relating to the sound virtually generated by said striking of the striking element (EF) on said struck area.

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Citation (search report)
See references of WO 2018130768A1

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