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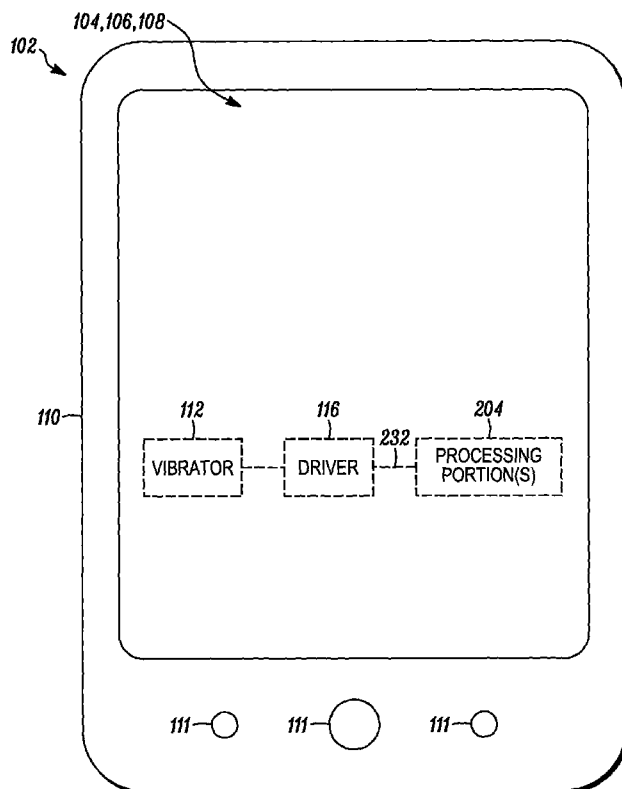
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[Continued on next page]

- (54) Title: SYSTEM AND METHOD FOR CONTROL OF LINEAR AND ROTARY VIBRATORS IN AN ELECTRONIC
DEVICE



- (57) Abstract: A system (204, 234, 236, 116, 616) and
method (400, 500) for driving a vibrator (112) in an elec-
tronic device (102), as well as electronic device employing
such a system or method, are disclosed. In one example em-
bodiment, the system (204, 234, 236, 116, 616) for driving
the vibrator (112) includes an integrated circuit (116, 616)
having one or more input terminals (303, 304, 305, 306),
one or more output terminals (336, 337), a vibrator driver
amplifier circuit (330), and one or more additional circuit
components (308, 310, 610). The system further includes at
least one processing portion (234, 236) for providing one or
more input signals (702, 801, 802, 902, 1002) to the one or
more of the input terminals (303, 304, 305, 306). The sys-
tem (204, 234, 236, 116, 616) is configurable such that one
or more control signals (704, 810, 904, 1004) to be provided
to the vibrator (112) will include one or more first signals
(704, 810) if the vibrator (112) is a first vibrator device of a
first type (114), and one or more second signals (904, 1004)
if the vibrator is a second vibrator device of a second type
(115) different from the first type.



TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	US 2010/153845 A1 (GREGORIO PEDRO [CA] ET AL) 17 June 2010 (2010-06-17) paragraph [0003] paragraph [0011] - paragraph [0014] paragraph [0016] - paragraph [0021] figures 1,4	1-20
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☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
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