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(54) Title: FIELD PROGRAMMABLE ANALOG ARRAY

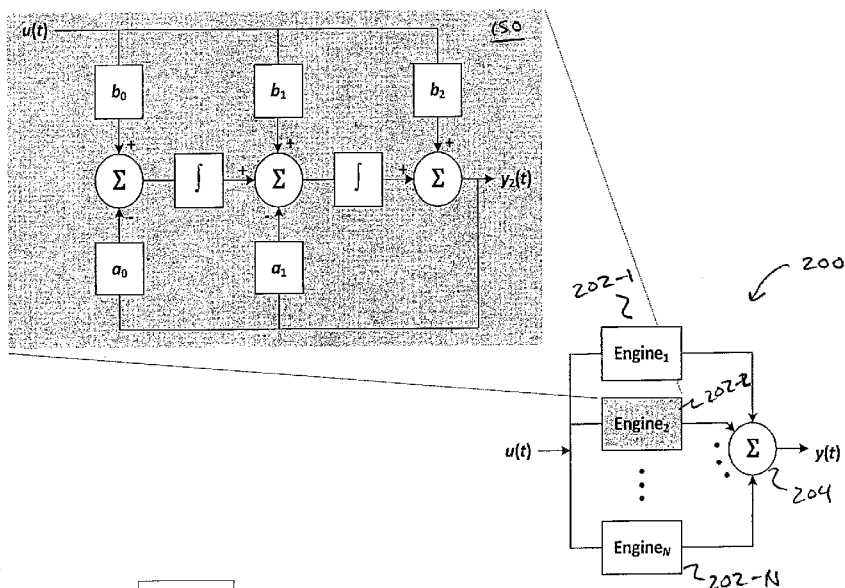


FIG. 2

(57) Abstract: In an embodiment, a field programmable analog array (FPAA) comprises state variable filter engines arranged in parallel, each state variable filter engine comprising at least one variable attenuator and at least one variable integrator configured to operate on a wideband analog signal; and a summer configured to add outputs from the state variable filter engines.

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A. CLASSIFICATION OF SUBJECT MATTER***H03K 19/173(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H03K 19/173; H03K 5/00; H03K 17/693; G06G 7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: field programmable analog array, filter, attenuator, integrator

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 05574678A A (GORECKI; JAMES L.) 12 November 1996 See abstract; column 3, lines 26-37; claims 1, 6, 19 and figure 1.	1,2,8-11 3-7
A	US 6424209 B1 (GORECKI; JAMES L. et al.) 23 July 2002 See abstract; column 1, lines 13-26; claim 1 and figure 2	1-11
A	US 05959871A A (PIERZCHALA; EDMUND et al.) 28 September 1999 See abstract; claims 1, 6 and figures 1, 27.	1-11
A	US 2006-0261846 A1 (CHRISTOPHER M. TWIGG) 23 November 2006 See abstract; claims 1-23 and figure 1.	1-11

 Further documents are listed in the continuation of Box C. See patent family annex.

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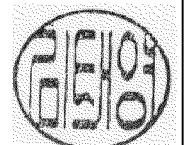
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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