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(54) Title: QUADRATURE SIGNAL DEMODULATOR CIRCUITRY SUITABLE FOR DOPPLER ULTRASOUND

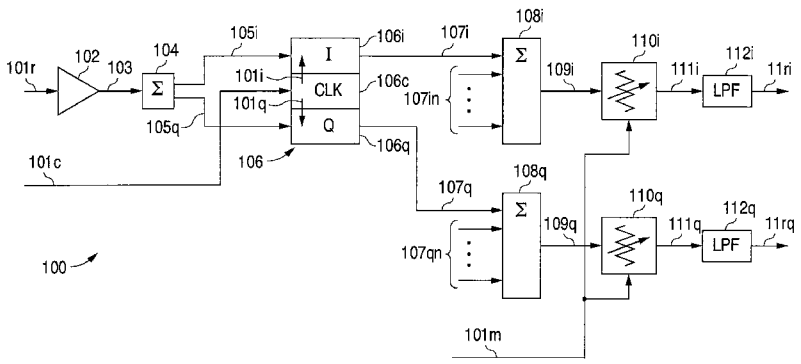


FIG. 2

(57) Abstract: Quadrature signal demodulator circuitry for demodulating multiple related input signals into respective pairs of quadrature signals for selective combining to provide a composite pair of quadrature signals with a maximized signal-to-noise ratio (SNR).

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

H04L 27/38(2006.01)i, H03D 13/00(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)

H04L 27/38; H04L 27/22; H04L 27/14; H03D 3/00

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

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

eKOMPASS(KIPO internal) & Keywords: quadrature demodulator, phase difference, phase control signal, clock singal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0089120 A1 (PHILIP QUINLAN et al.) 28 April 2005 See abstract; para. 0019-0020; fig. 1-4	1-20
A	US 5896060 A1 (OVARD; DAVID K. et al.) 20 April 1999 See abstract; para. 0012-0026; fig. 1-3	1-20
A	US 2007-0217549 A1 (KWO-WEI CHANG et al.) 20 September 2007 See abstract; para. 0021-0027; fig. 1-5	1-20

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/KR Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer Choi, Jin Ho Telephone No. 042 481 5406

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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