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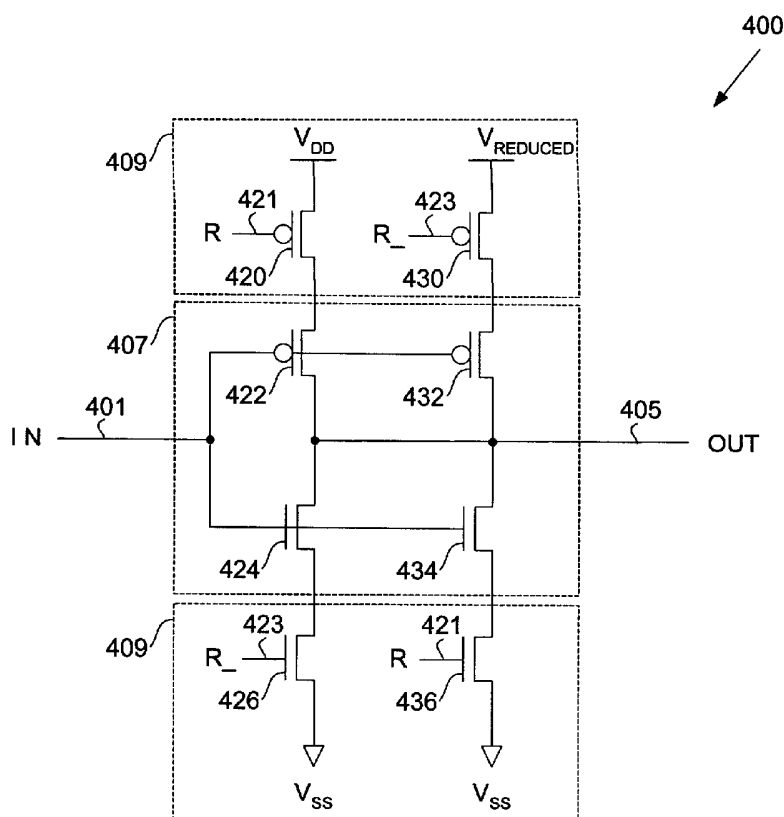
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(54) Title: CLOCK POWER REDUCTION TECHNIQUE USING MULTILEVEL VOLTAGE INPUT CLOCK DRIVER



(57) Abstract: A technique for reducing the power consumed by a clock driver circuit involves selecting between a first power supply path and a second power supply path in response to a power reduction signal. A driver circuit drives an output clock signal from the selected one of the first power supply path and the second power supply path. By reducing the voltage on one of the first power supply path and the second power supply path, the power consumed by the clock driver circuit may be selectively reduced.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/32 G06F1/04 G06F1/10

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

B. FIELDS SEARCHED

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

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

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 275 079 B1 (PARK BOO YOUNG) 14 August 2001 (2001-08-14) column 1, line 1 -column 5, line 6 figures 3-5	1-23
X	US 5 815 725 A (FEIERBACH GARY F) 29 September 1998 (1998-09-29) column 1, line 66 -column 2, line 18 column 2, line 37 -column 4, line 67 figures 1-3	1-23
A	US 6 252 449 B1 (HANRIAT ST EACUTE PHANE) 26 June 2001 (2001-06-26) column 1, line 39 -column 4, line 52 figures 1-3	1,13,21
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 787 294 A (EVOY DAVID R) 28 July 1998 (1998-07-28) the whole document -----	1,13,21
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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