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Via Melchiorre Gioia, 64, I-20125 Milano (IT).(81) Designated States (unless otherwise indicated, for every
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KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
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RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
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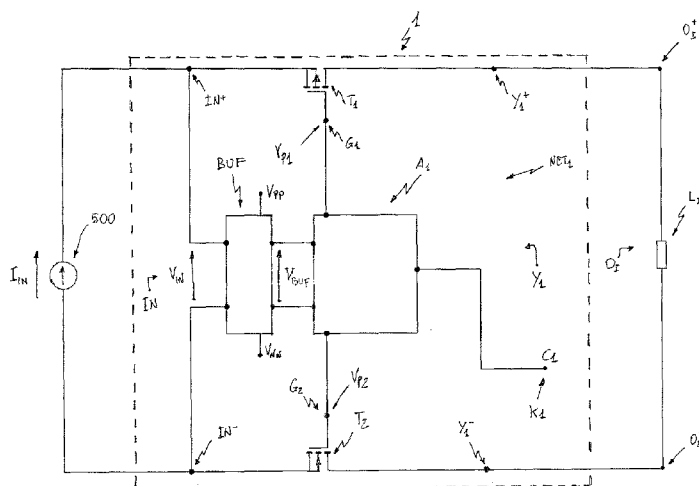


FIG. 1B

(57) Abstract: The present invention relates to a high voltage switch circuit, comprising an input port adapted to receive a pulse type input current and an output port, which can be used selectively to conduct an output current to a corresponding electrical load. The switch circuit comprises a buffer stage adapted to sense the input voltage at said input port and to provide a buffered voltage that follows said input voltage. The switch circuit comprises complementary switches electrically connected between said input port and said output port and a voltage level translator electrically connected with said switches, said buffer stage and a control terminal that provides a control signal. The voltage level translator provides suitable gate voltages at the gate terminals of said switches, so that the operation of these latter can be controlled by said control signal.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. H03K3/57 H03K17/722 A61N1/32
ADD.

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 A61N

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 practicable, search terms used)

EPO-Internal, WPI Data

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 5 033 468 A (TAKEUCHI MITUNORI [JP] ET AL) 23 July 1991 (1991-07-23) column 6, line 48 - column 11, line 12; figures 12-17b -----	1-4,6, 12-15 5,7-11
A	US 5 052 391 A (SILBERSTONE LEON M [US] ET AL) 1 October 1991 (1991-10-01) column 3, line 29 - column 6, line 50; figures 1-5 -----	1-15
A	US 2009/132010 A1 (KRONBERG JAMES W [US]) 21 May 2009 (2009-05-21) paragraph [0062] - paragraph [0090]; figures 3a-5a -----	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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