:QUENCE NR: __CSB80233916___0002-SNYDERLS____SEARCH_ID=81FEB09/00.03.___/L35

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TLE:              ) APPARATUS TC MCDEL BIOELECTRIC WAVES OF
                  ; ELECTROENCEPHALCGRAMS.
ICREIERENCE:      OTKRYTIYA, IZGBRETENIYA PROMYSHLENNYYE OBRAZTSY,
                  TOVARNYYE ZNAKI (CCVER TO COVER)
                  605349.
                  79, NC. 18, 287
IFOLOCATION:      USSR
IFODATE:          760610.
SATI:             ELECTRCNICS AND ELECTRICAL ENGR.; METHODS AND EQUIPMENT
.C:               615.475.
IC CATEGORY:      A-61B-5/00; G-06C-7/60.
ASS/DOWNGRADE:    UNCLASSIFIED
INTRUL MARKINGS:  NONE.
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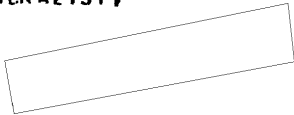
XT: ENTIRE.
APPARATUS   TO   MCDEL   BICELECTRIC   WAVES   OF   ELECTROENCEPHALOGRAMS
CONTAINS   A   CONTROL   SIGNAL   GENERATOR,   SUMMTCR   AND   SIGNAL   FORMING
CIRCUITS.   TO ELEVATE THE ACCURACY CF MODELING SLOW BIOPOTENTIALS OF
ELECTROENCEPHALOGRAMS,   THE DEVICE FEATURES A LOAD CIRCUIT AMPLIFIER,
AND   THE   SIGNAL   FCRMING   CIRCUITS CONSIST OF N SUB K AMPLIFIERS AND N
SUB   <   MINUS   1   DELAY   ELEMENTS,   WHERE   N   SUB   K   IS   THE   NUMBER   OF
AMPLIFIERS   IN   THE   NUMBER   K   SIGNAL   FORMING CIRCUIT.   THE CONTROL
SIGNAL   GENERATOR,   LOAD   CIRCUIT   AMPLIFIER   AND   A   LOAD RESISTOR ARE
SEQUENTIALLY   CONNECTED,   WHILE THE CONTROL SIGNAL GENERATOR'S OUTPUT
IS   JOINED   WITH   THE   INPUT   OF   THE   FIRST   SIGNAL   FCRMER'S   FIRST
AMPLIFIER.   THE   AMPLIFIERS   OF   EACH   SIGNAL   FORMING   CIRCUIT ARE
SEQUENTIALLY   INTERCCNNECTED   THROUGH   DELAY ELEMENTS.   THE NUMBER OF
SIGNAL   FORMING   CIRCUITS   IS   GIVEN   BY   A   FORMULA IN THE TEXT.   THE
OUTPUT   OF   THE   FIRST   AMPLIFIER   OF   EACH SIGNAL FORMING CIRCUIT IS
JOINED   THROUGH   A   DELAY   ELEMENT WITH THE INPUT OF THE FIRST AMPLIFIER
OF   THE   SUBSEQUENT   SIGNAL   FORMING CIRCUIT, WHOSE NUMBER OF AMPLIFIERS
IS   TWO   LESS THAN THE QUANTITY OF AMPLIFIERS OF THE PRECEDING SIGNAL
FORMING   CIRCUIT.   THE OUTPUTS OF EACH AMPLIFIER IS CONNECTED TO THE
SUMMATOR'S CORRESPONDING INPUTS.

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RSONALITY:        GEDEVANI,D-M
TIONALITY:        USSR

RSONALITY:        BAGDASARCV,E-B
TIONALITY:        USSR
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