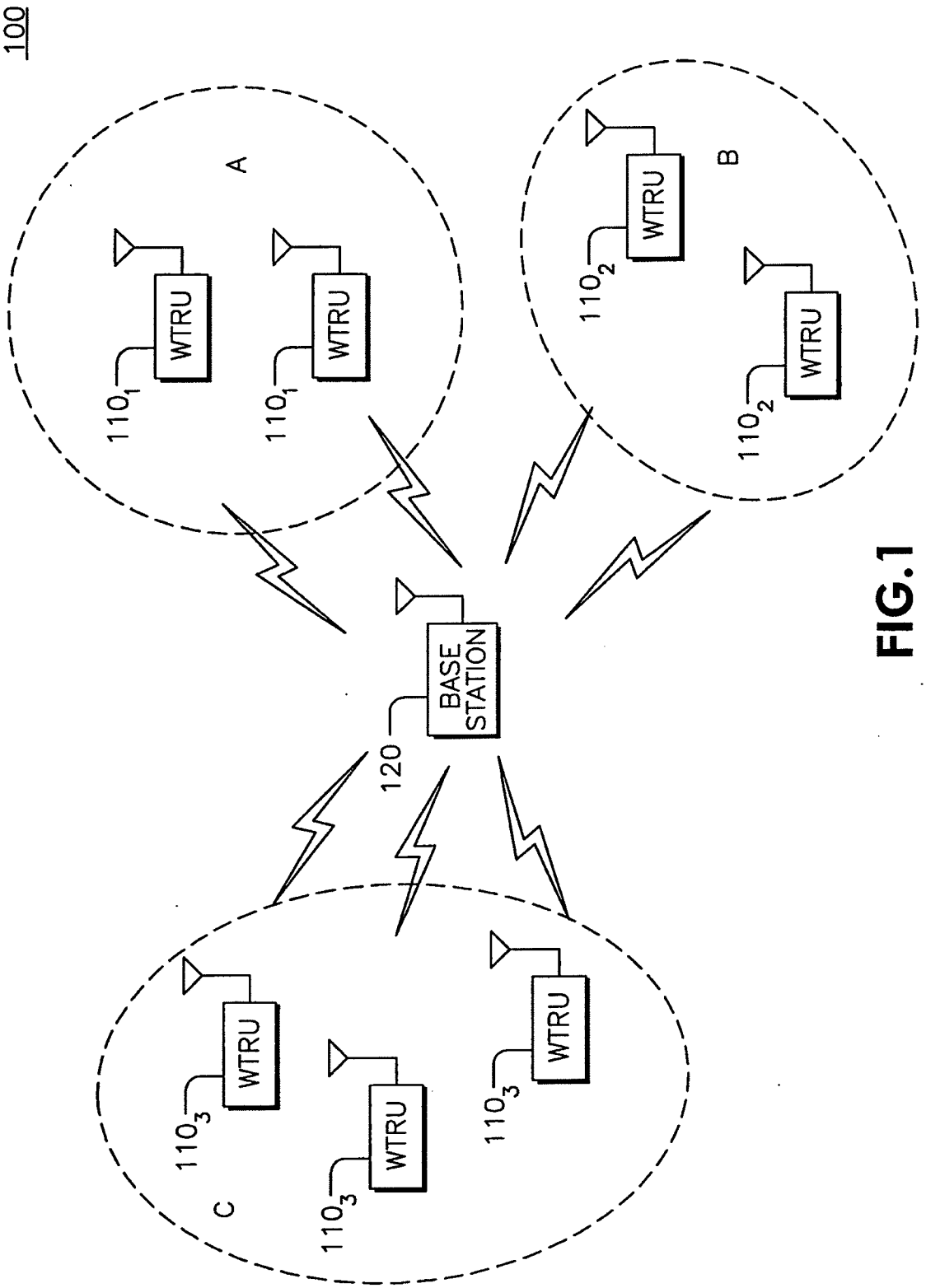

100
A
B
C
WTRU
110_1
110_1
110_2
110_2
110_3
110_3
110_3
BASE STATION
120

FIG.1

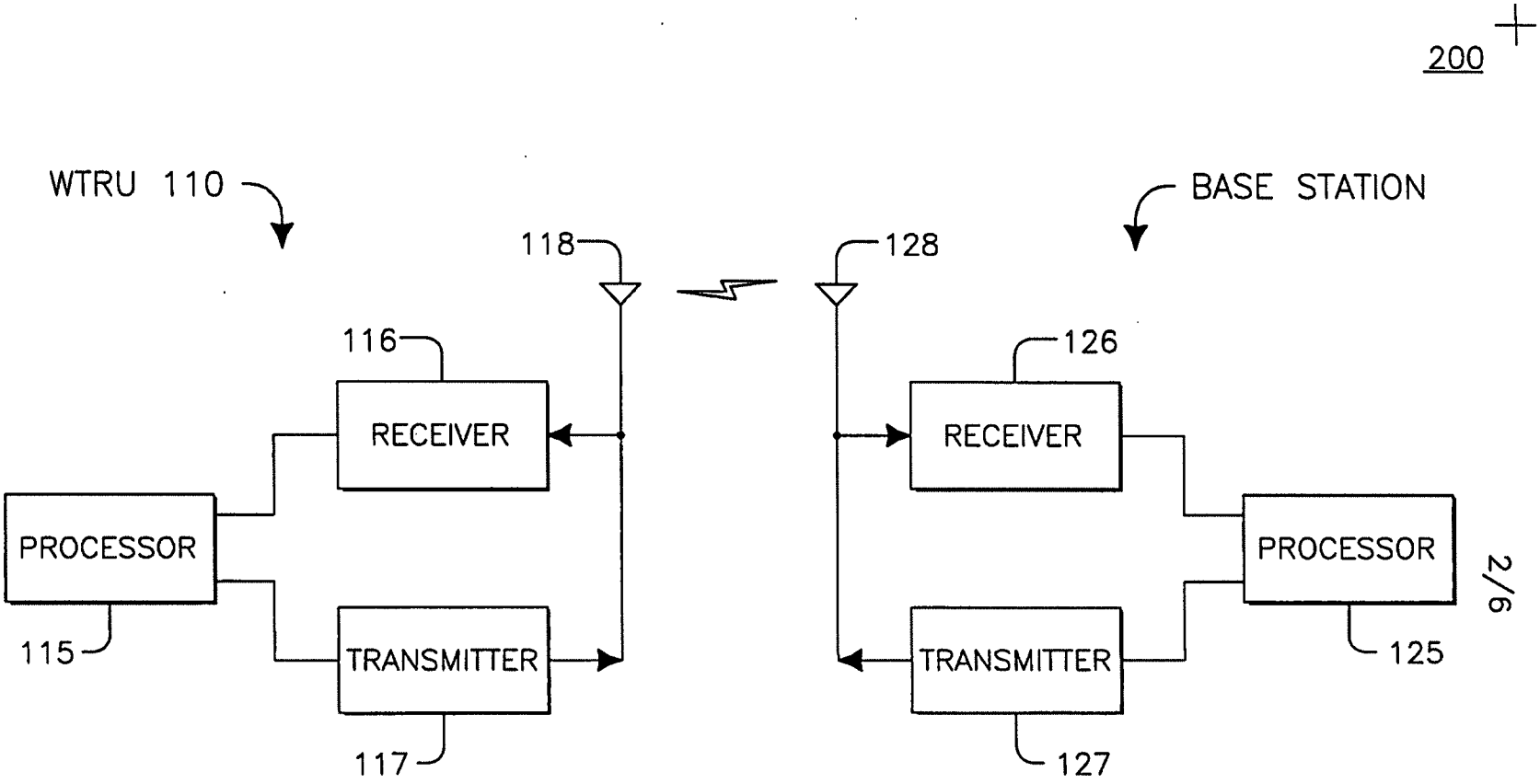

200
WTRU 110
BASE STATION
118
128
116
126
RECEIVER
RECEIVER
PROCESSOR
PROCESSOR
115
TRANSMITTER
TRANSMITTER
125
117
127

FIG.2

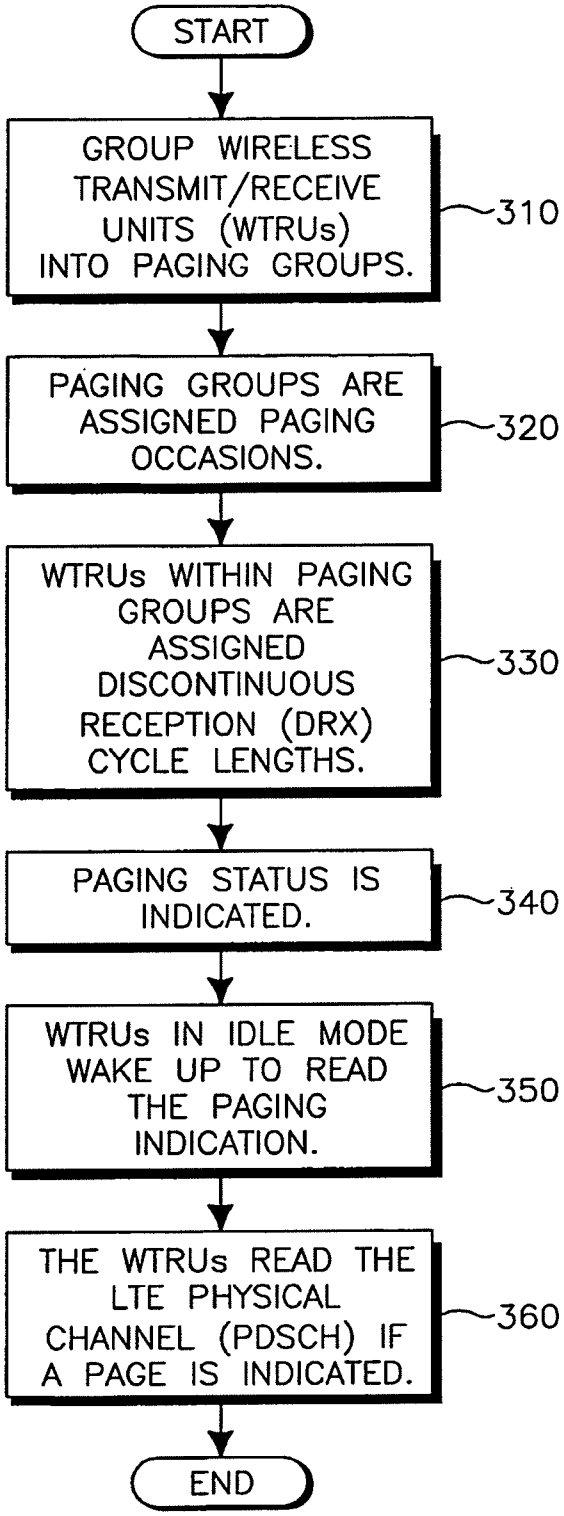

300
START
GROUP WIRELESS TRANSMIT/RECEIVE UNITS (WTRUs) INTO PAGING GROUPS.
310
PAGING GROUPS ARE ASSIGNED PAGING OCCASIONS.
320
WTRUs WITHIN PAGING GROUPS ARE ASSIGNED DISCONTINUOUS RECEPTION (DRX) CYCLE LENGTHS.
330
PAGING STATUS IS INDICATED.
340
WTRUs IN IDLE MODE WAKE UP TO READ THE PAGING INDICATION.
350
THE WTRUs READ THE LTE PHYSICAL CHANNEL (PDSCH) IF A PAGE IS INDICATED.
360
END

FIG.3

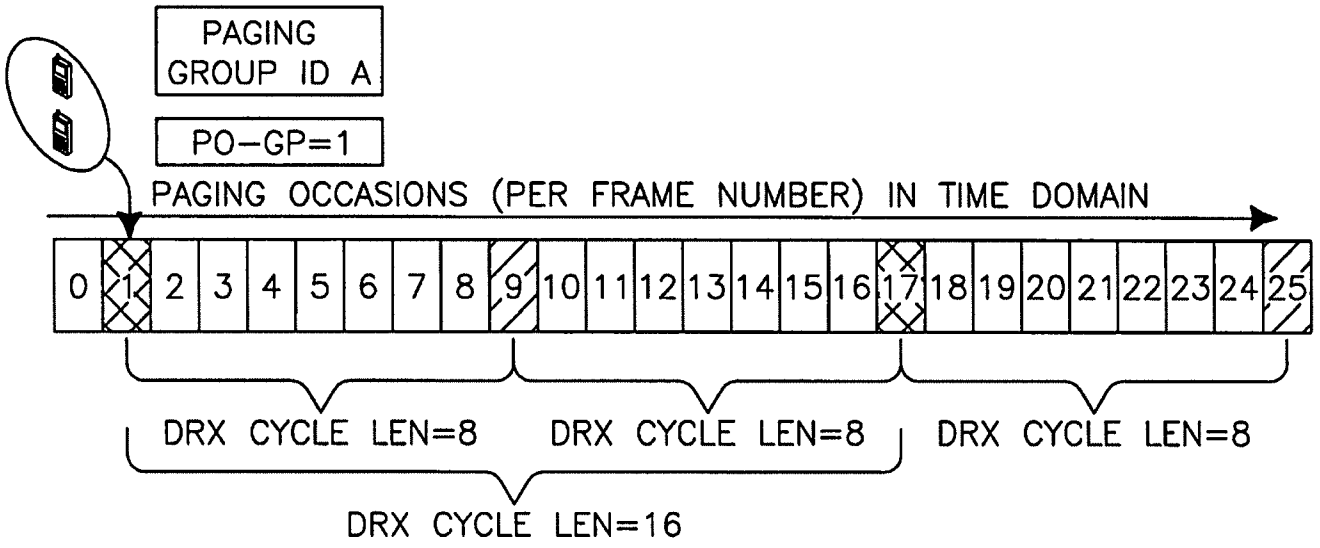

PAGING
GROUP ID A
PO-GP=1
PAGING OCCASIONS (PER FRAME NUMBER) IN TIME DOMAIN
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
DRX CYCLE LEN=8
DRX CYCLE LEN=8
DRX CYCLE LEN=8
DRX CYCLE LEN=16

FIG.4

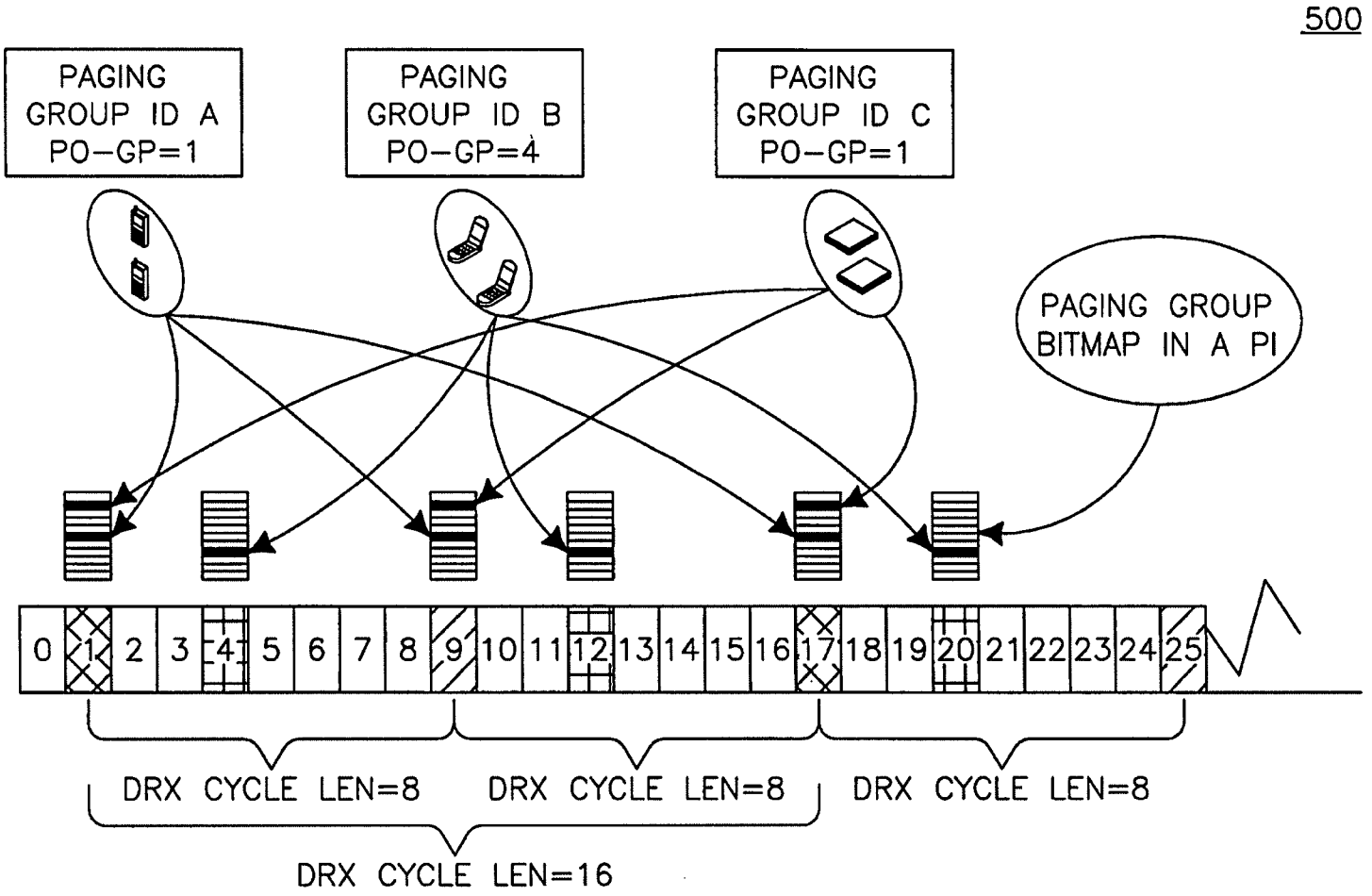

500
PAGING GROUP ID A PO-GP=1
PAGING GROUP ID B PO-GP=4
PAGING GROUP ID C PO-GP=1
PAGING GROUP BITMAP IN A PI
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
DRX CYCLE LEN=8
DRX CYCLE LEN=8
DRX CYCLE LEN=8
DRX CYCLE LEN=16

FIG.5

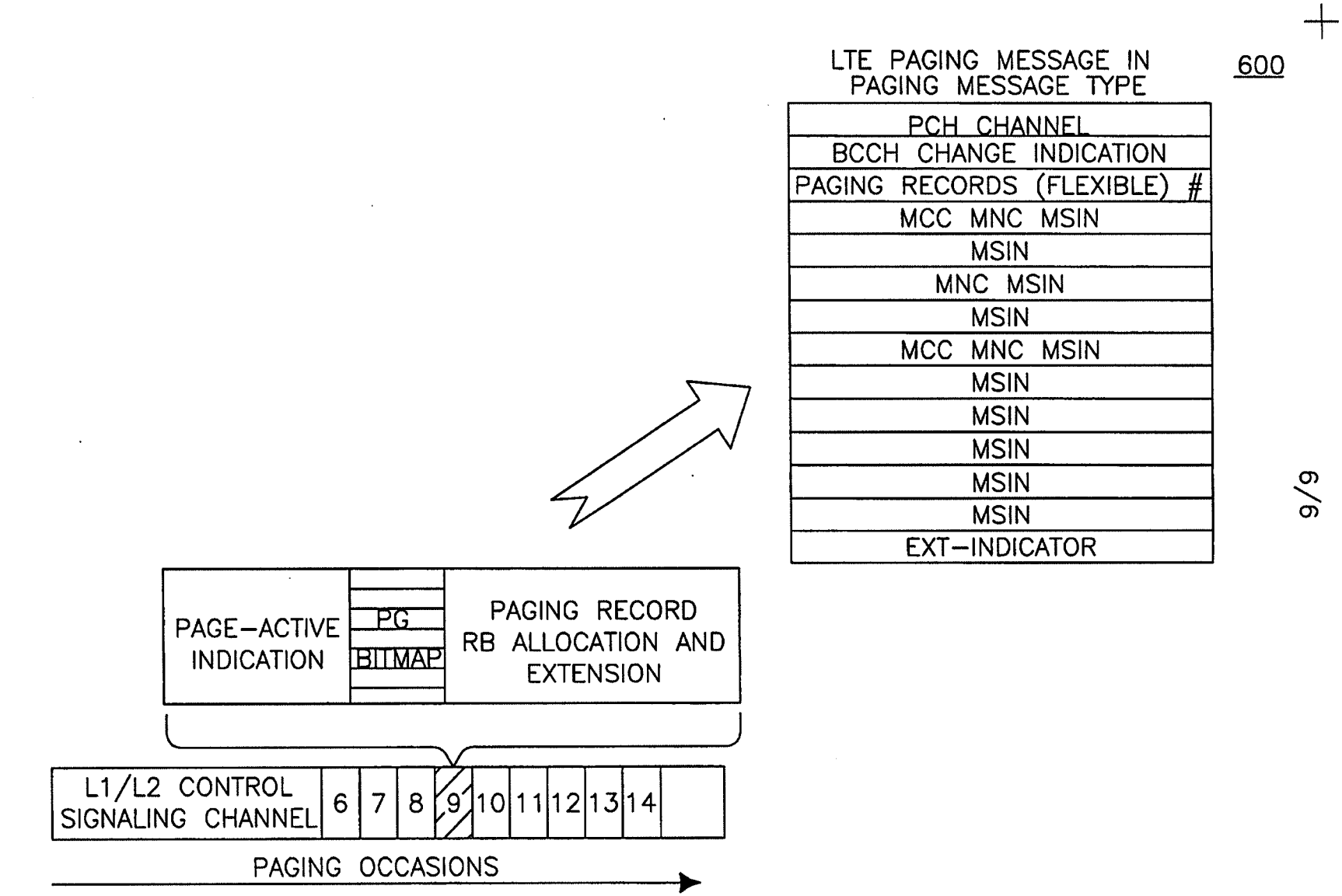

LTE PAGING MESSAGE IN PAGING MESSAGE TYPE
600
PCH CHANNEL
BCCH CHANGE INDICATION
PAGING RECORDS (FLEXIBLE) #
MCC MNC MSIN
MSIN
MNC MSIN
MSIN
MCC MNC MSIN
MSIN
MSIN
MSIN
MSIN
MSIN
EXT-INDICATOR
PAGE-ACTIVE INDICATION
PG BITMAP
PAGING RECORD RB ALLOCATION AND EXTENSION
L1/L2 CONTROL SIGNALING CHANNEL
6
7
8
9
10
11
12
13
14
PAGING OCCASIONS

FIG.6