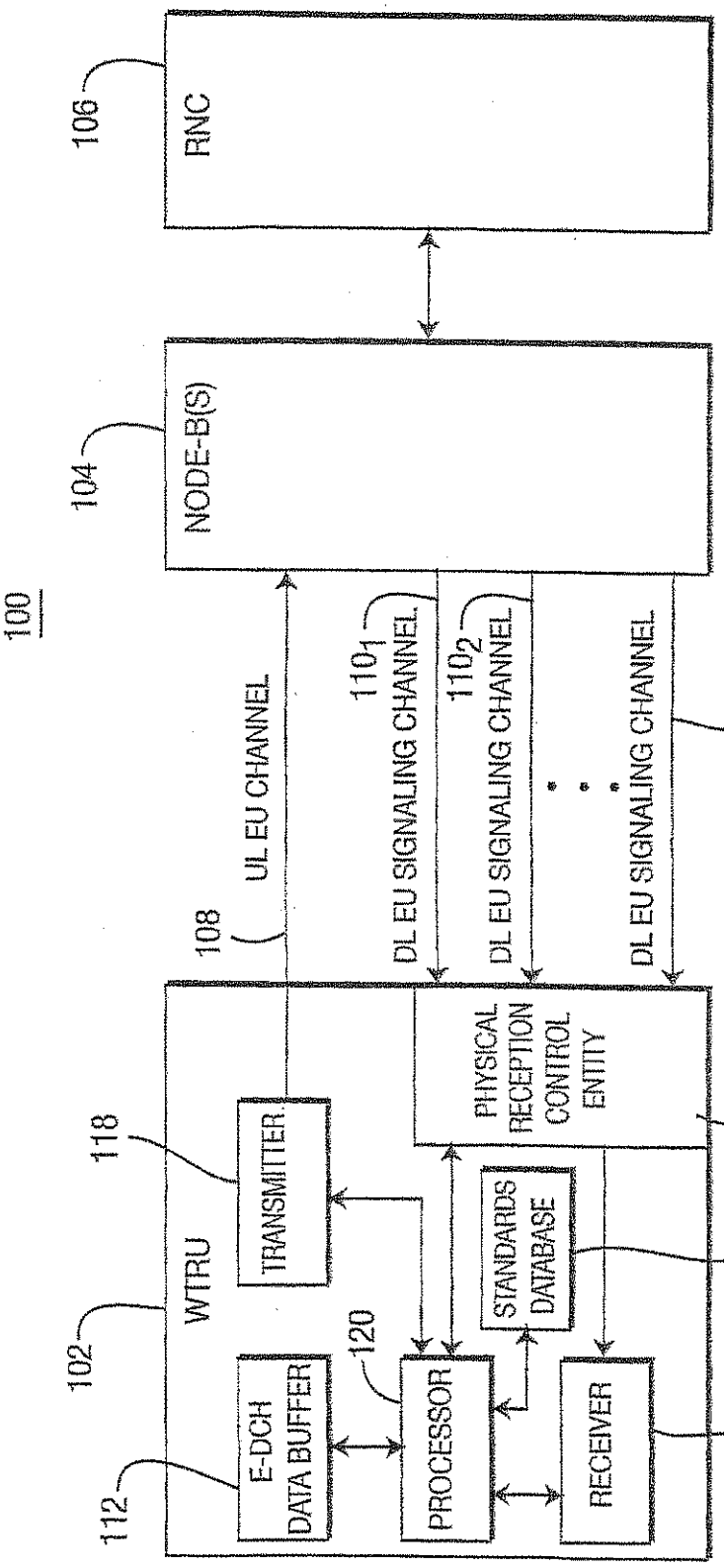

100
106
RNC
104
NODE-B(S)
108
UL EU CHANNEL
$110_1$
DL EU SIGNALING CHANNEL
$110_2$
DL EU SIGNALING CHANNEL
$110_N$
DL EU SIGNALING CHANNEL
102
WTRU
112
E-DCH DATA BUFFER
118
TRANSMITTER
120
PROCESSOR
STANDARDS DATABASE
122
PHYSICAL RECEPTION CONTROL ENTITY
114
RECEIVER
116

FIG. 1

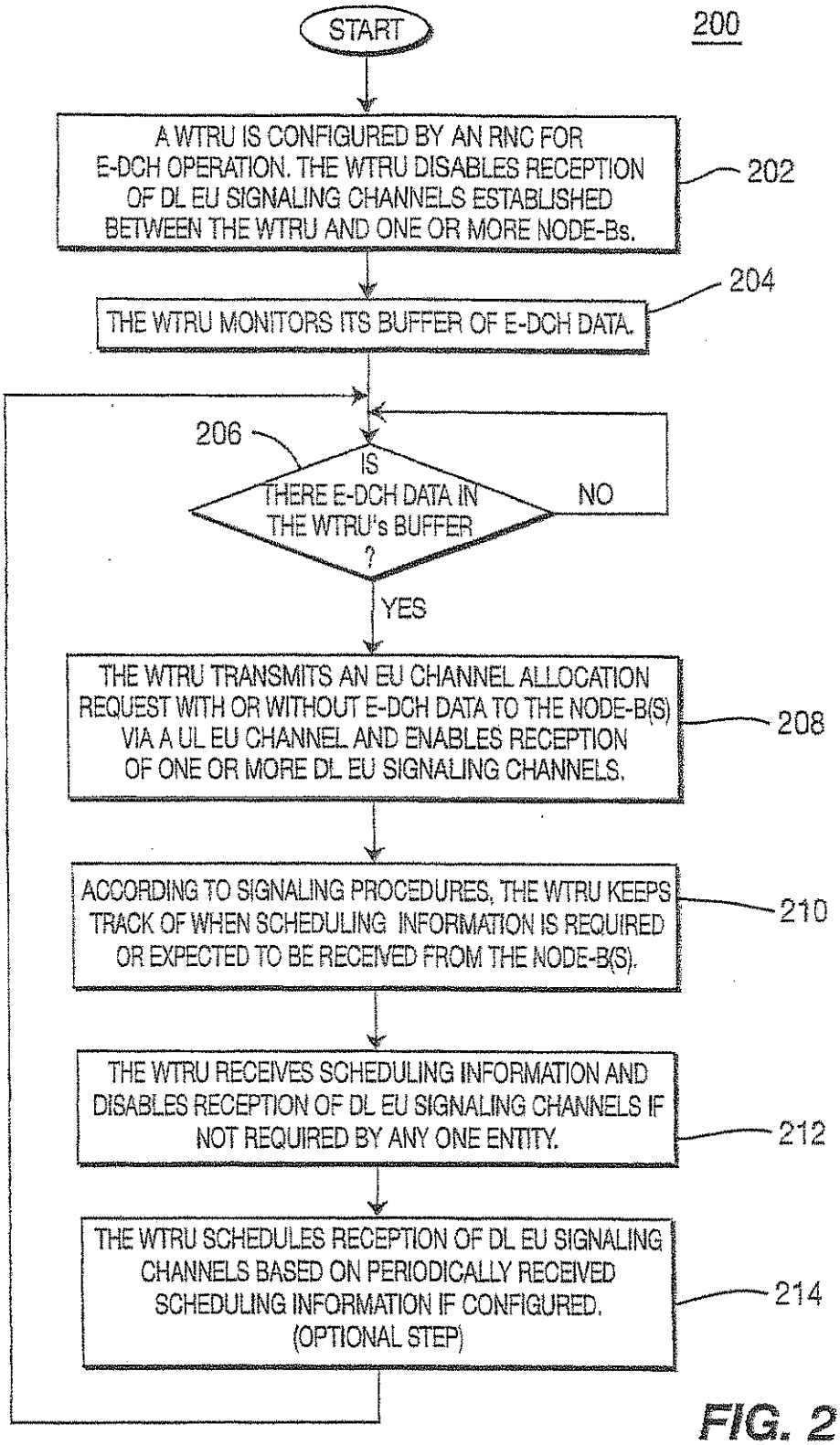

START
200
A WTRU IS CONFIGURED BY AN RNC FOR E-DCH OPERATION. THE WTRU DISABLES RECEPTION OF DL EU SIGNALING CHANNELS ESTABLISHED BETWEEN THE WTRU AND ONE OR MORE NODE-Bs.
202
THE WTRU MONITORS ITS BUFFER OF E-DCH DATA.
204
206
IS THERE E-DCH DATA IN THE WTRU's BUFFER ?
NO
YES
THE WTRU TRANSMITS AN EU CHANNEL ALLOCATION REQUEST WITH OR WITHOUT E-DCH DATA TO THE NODE-B(S) VIA A UL EU CHANNEL AND ENABLES RECEPTION OF ONE OR MORE DL EU SIGNALING CHANNELS.
208
ACCORDING TO SIGNALING PROCEDURES, THE WTRU KEEPS TRACK OF WHEN SCHEDULING INFORMATION IS REQUIRED OR EXPECTED TO BE RECEIVED FROM THE NODE-B(S).
210
THE WTRU RECEIVES SCHEDULING INFORMATION AND DISABLES RECEPTION OF DL EU SIGNALING CHANNELS IF NOT REQUIRED BY ANY ONE ENTITY.
212
THE WTRU SCHEDULES RECEPTION OF DL EU SIGNALING CHANNELS BASED ON PERIODICALLY RECEIVED SCHEDULING INFORMATION IF CONFIGURED. (OPTIONAL STEP)
214

FIG. 2

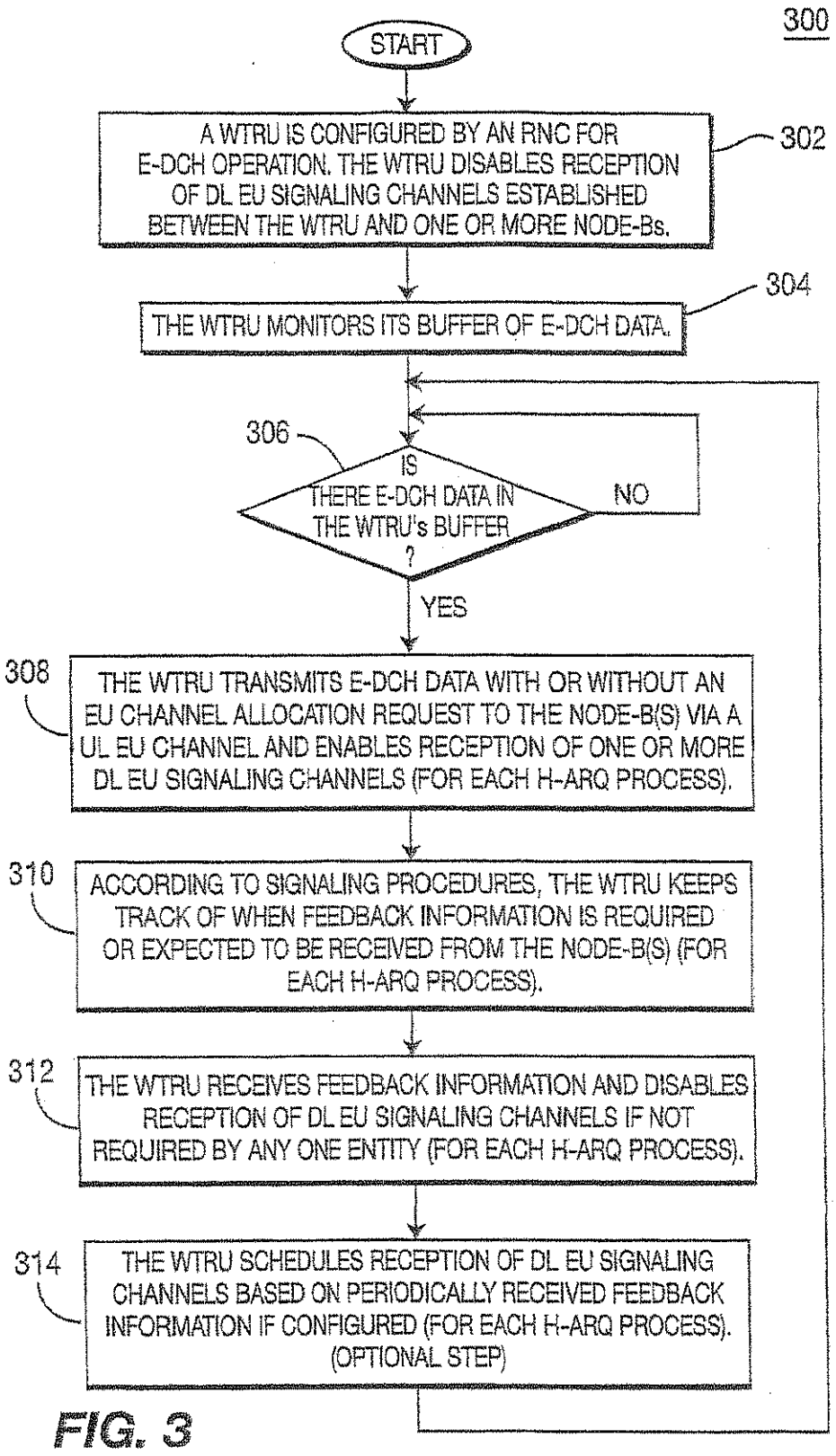

300
START
A WTRU IS CONFIGURED BY AN RNC FOR E-DCH OPERATION. THE WTRU DISABLES RECEPTION OF DL EU SIGNALING CHANNELS ESTABLISHED BETWEEN THE WTRU AND ONE OR MORE NODE-Bs.
302
THE WTRU MONITORS ITS BUFFER OF E-DCH DATA.
304
306
IS THERE E-DCH DATA IN THE WTRU's BUFFER ?
NO
YES
308
THE WTRU TRANSMITS E-DCH DATA WITH OR WITHOUT AN EU CHANNEL ALLOCATION REQUEST TO THE NODE-B(S) VIA A UL EU CHANNEL AND ENABLES RECEPTION OF ONE OR MORE DL EU SIGNALING CHANNELS (FOR EACH H-ARQ PROCESS).
310
ACCORDING TO SIGNALING PROCEDURES, THE WTRU KEEPS TRACK OF WHEN FEEDBACK INFORMATION IS REQUIRED OR EXPECTED TO BE RECEIVED FROM THE NODE-B(S) (FOR EACH H-ARQ PROCESS).
312
THE WTRU RECEIVES FEEDBACK INFORMATION AND DISABLES RECEPTION OF DL EU SIGNALING CHANNELS IF NOT REQUIRED BY ANY ONE ENTITY (FOR EACH H-ARQ PROCESS).
314
THE WTRU SCHEDULES RECEPTION OF DL EU SIGNALING CHANNELS BASED ON PERIODICALLY RECEIVED FEEDBACK INFORMATION IF CONFIGURED (FOR EACH H-ARQ PROCESS). (OPTIONAL STEP)

FIG. 3