US007027427B1

(12) **United States Patent**
Tamura

(10) **Patent No.: US 7,027,427 B1**
(45) **Date of Patent: Apr. 11, 2006**

(54) **CELL SEARCH METHOD IN CDMA CAPABLE OF CARRYING OUT A CELL SEARCH PROCESSING AT A HIGH SPEED**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 546 days.

(21) Appl. No.: **09/661,464**

(22) Filed: **Sep. 13, 2000**

(30) **Foreign Application Priority Data**

Sep. 14, 1999 (JP) 11-260461

(51) **Int. Cl.**
H04J 3/06 (2006.01)
H04B 7/216 (2006.01)
H04Q 7/20 (2006.01)

(52) **U.S. Cl.** **370/342**; 370/335; 370/350; 455/437

(58) **Field of Classification Search** 370/324–332, 370/335–350; 455/434–437, 438, 443–449, 455/515, 442; 375/145, 142, 350, 354, 366, 375/347
See application file for complete search history.

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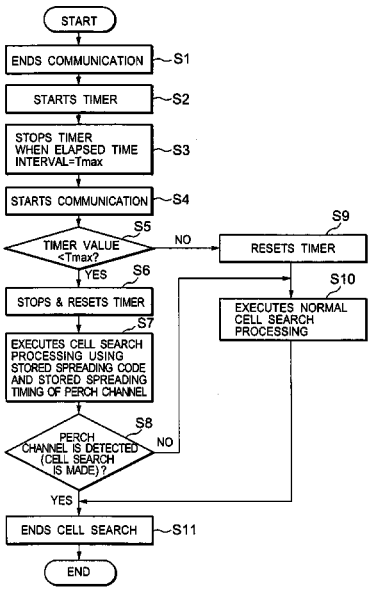
(57) **ABSTRACT**

On ending communication, a timer (**17**) is started in order to watch a communication stop time interval (S**1**, S**2**). On staring the next communication, a timer value of the timer is watched (S**5**). If the timer value is less than a communication stop time interval threshold value, a cell search processing is carried out by using a cell search result on previous communication (S**7**). By monitoring a communication stop time interval and by using a previous cell search result in the manner described above, a cell search circuit has an important function which realizes a high-speed cell search in the same sector (the same cell) on continuous communications and decreasing of a consumed power.

6 Claims, 4 Drawing Sheets