

# Exhibit C



US007027465B2

(12) **United States Patent**  
**Hautala**

(10) **Patent No.:** **US 7,027,465 B2**  
(45) **Date of Patent:** **Apr. 11, 2006**

(54) **METHOD FOR CONTENTION FREE TRAFFIC DETECTION**

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(73) Assignee: **Nokia Corporation**, Espoo (FI)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 433 days.

(21) Appl. No.: **10/167,986**

(22) Filed: **Jun. 11, 2002**

(65) **Prior Publication Data**

US 2004/0013134 A1 Jan. 22, 2004

**Related U.S. Application Data**

(63) Continuation of application No. PCT/EP99/10097, filed on Dec. 17, 1999.

(51) **Int. Cl.**  
**H04J 3/07** (2006.01)

(52) **U.S. Cl.** ..... **370/506; 370/350**

(58) **Field of Classification Search** ..... 370/252, 370/286, 304, 324, 349, 350, 395.43, 444, 370/506, 509, 512, 229, 230, 230.1, 235, 370/241

See application file for complete search history.

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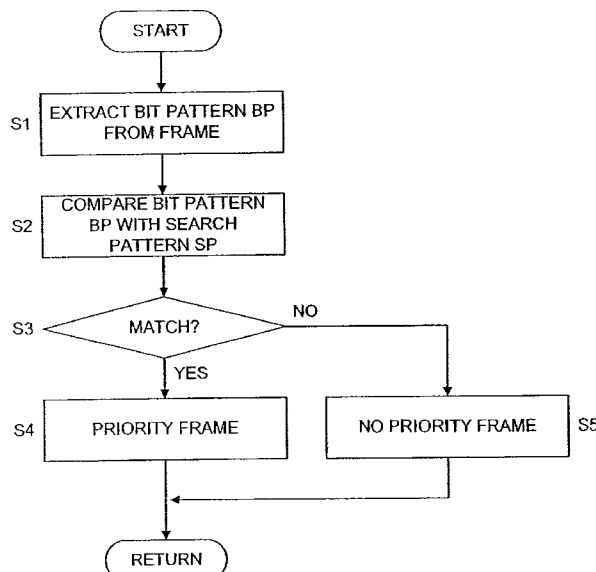
\* cited by examiner

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(57) **ABSTRACT**

The invention discloses a method for detecting priority of data frames comprising the steps of extracting (S1) a bit pattern from a predetermined position in a frame, comparing (S2, S3) the extracted bit pattern with a search pattern, and identifying (S4) the received frame as a priority frame in case the extracted bit pattern (BP) matches with the first search pattern (SP). By this method, the priority of a data frame can easily be detected. The invention also proposes a corresponding device for detecting priority of data frames.

**18 Claims, 10 Drawing Sheets**



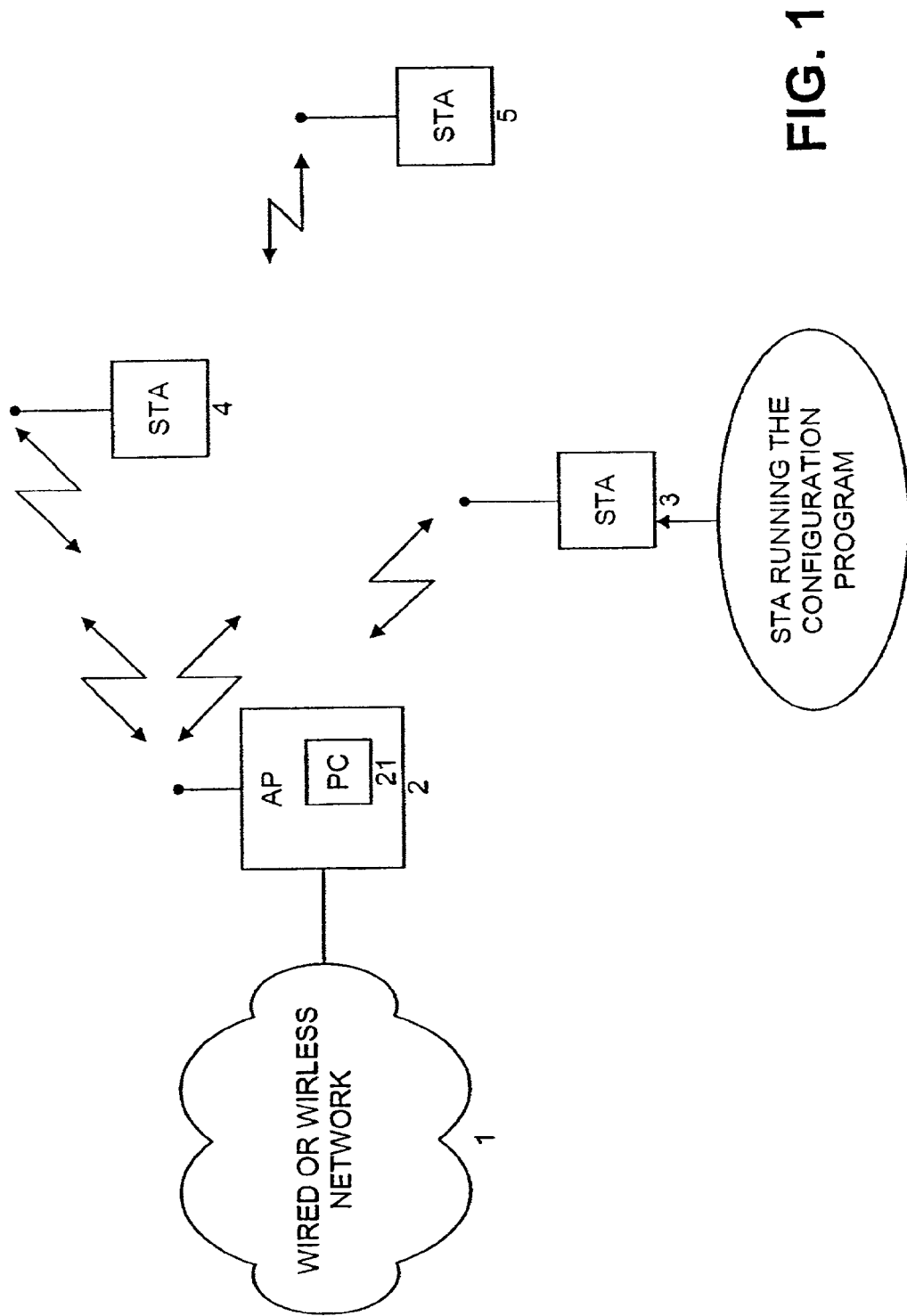


FIG. 1

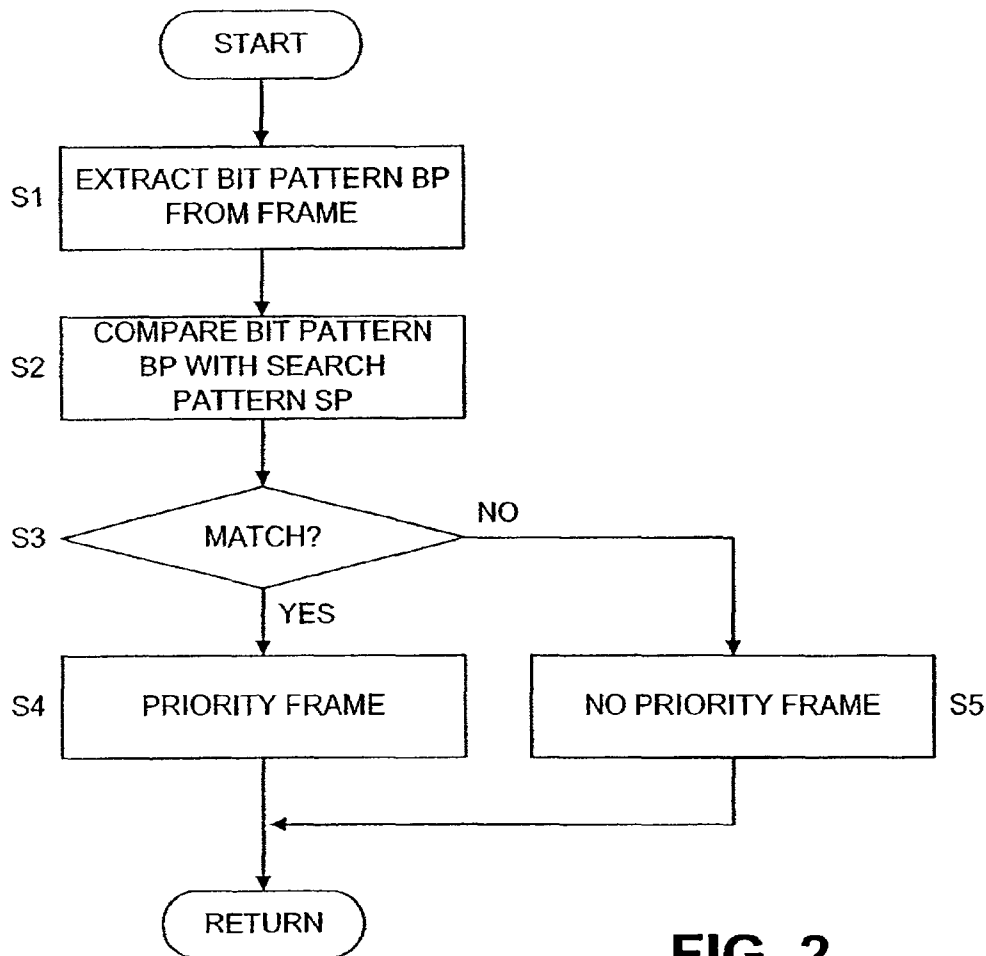


FIG. 2

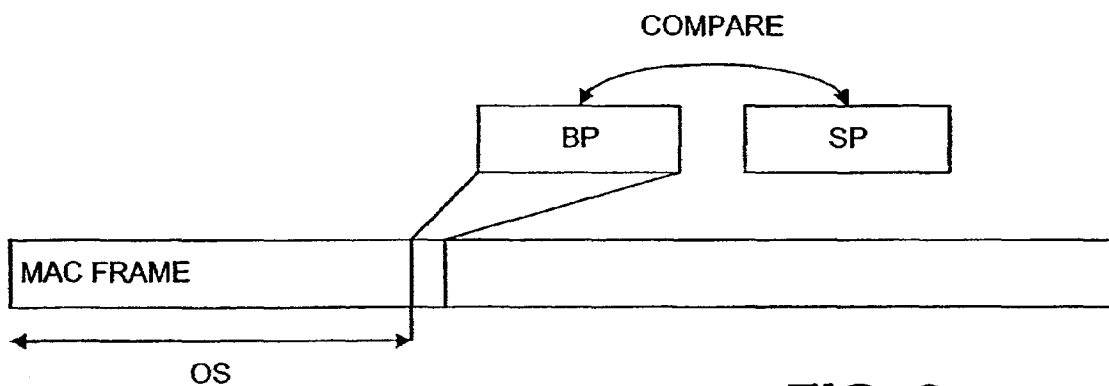


FIG. 3

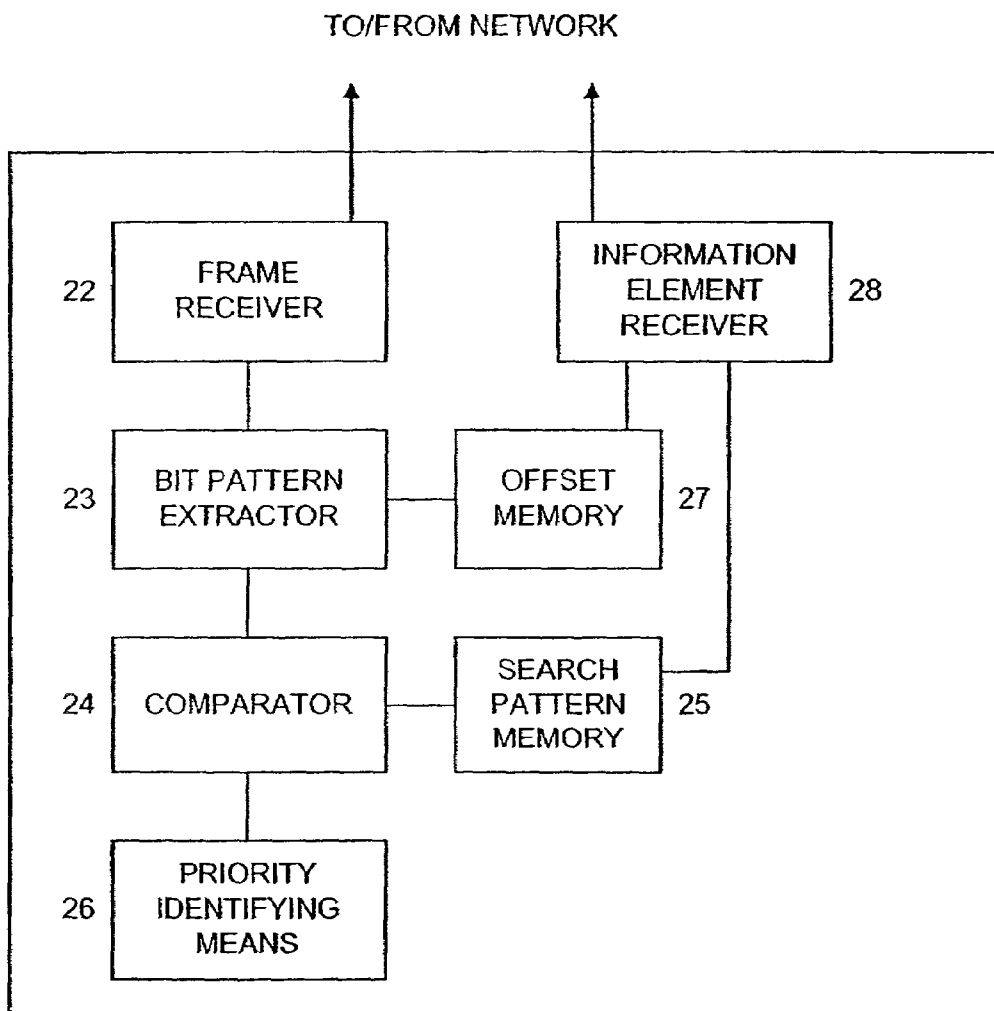


FIG. 4

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