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(71) Applicant (for all designated States except US): **TIVO
INC.** [US/US]; P.O. Box 2160, 2160 Gold Street, Alviso,
CA 95002-2160 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **OTALA, Tapani**
[FI/US]; 4916 Alan Avenue, San Jose, CA 95124 (US).
VANNIER, Eric [FR/US]; 2000 Walnut Avenue #K202,
Fremont, CA 94538 (US).

(74) Agent: **WONG, Kirk**; Hickman Palermo Truong &
Becker LLP, Suite 550, 2055 Gateway Place, San Jose, CA
95110-1089 (US).

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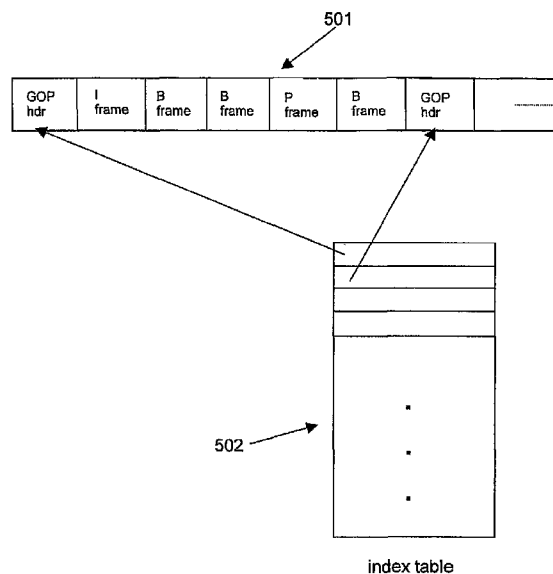
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(54) Title: METHOD AND APPARATUS FOR CREATING AN EXPANDED FUNCTIONALITY DIGITAL VIDEO DISC



(57) Abstract: A method and apparatus for creating an expanded functionality digital video disc (DVD) creates an enhanced DVD with index tables for the program streams on the DVD. Index tables point to key locations in an MPEG program stream with each entry in the index table set to point to a group of pictures (GOP) header in the MPEG stream. The invention can select GOP headers at predefined intervals, semi-random intervals, or at key locations. The invention creates an index table either during storage of a program stream on a hard disk, during a scan of program material already stored on a local hard disk, or while program material is being read out of the hard disk and written to a DVD. The invention adds a new directory to the DVD structure and writes the index table(s) for the stream(s) into the directory.

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