

Analysis of Ex-parte Reexamination

Patent under examination: 4,698,672 Coding System for Reducing Redundancy
Re-examination completed and notified: November 21, 2005

- 1 A method for processing digital signals**
- 2 Amplitude encoding**
- 3 Encoding runlength code values**
- 4 First values have amplitude zero ...**
- 5 First values have the highest frequency of occurrence**
- 6 Method of processing input signals to reduce the amount of data**
- 7 Amplitude encoding other values**
- 8 Encoding first and second runlength code values**
- 9 Forms said first values with amplitude zero, second values with absolute amplitude one**
- 10 A table is provided storing a plurality of runlength code values**
- 11 Providing an end code to designate the end of a digital number**
- 18 Multiple modes of processing**
- 19 Input signals represent images**
- 20 Selecting a non-motion-compensated replenishment mode**
- 21 Selecting a non-motion-compensated DPCM**
- 22 Selecting an intraframe mode**
- 23 Selecting a motion compensated replenishment mode**
- 24 Selecting a motion compensated DPCM mode**
- 12 Method for processing digital signals**
- 13 Method for processing digital signals to reduce the amount of data utilized**
- 14 Amplitude encoding other values**
- 15 Encoding j runlength code values with a sign value**
- 16 Processing step with n=2 forms first values**
- 17 Processing step forms first values with j=1**
- 25 Apparatus for processing digital signals**
- 26 Including means for amplitude encoding other values**
- 27 Including means for encoding first and second runlength code values**
- 28 Wherein first values have amplitude zero**
- 29 Wherein first values have the highest frequency of occurrence**
- 30 Apparatus for processing input signals to reduce the amount of data**
- 31 Amplitude encoding other values**
- 32 Encoding first and second runlength code values**
- 33 Processing forms first values with amplitude zero**
- 34 Including an addressable table storing runlength code values**
- 35 Include means for providing an end code**
- 36 Apparatus for processing digital signals**
- 37 Digital signals represent pixels forming images in sequential frames**
- 38 Method for processing digital signals**
- 39 Method for processing digital signals ...multivalued digital numbers**
- 40 Includes the step of amplitude encoding other values**
- 41 Includes the step of encoding said j runlength code values**
- 42 Apparatus for processing input signals to reduce the amount of data utilized**
- 43 Includes means for amplitude encoding other values**
- 44 Includes means for encoding first and second runlength code values**
- 45 Forms said second values with absolute amplitude one**
- 46 Includes an addressable table storing runlength code values**

Claims that were confirmed are shown in black bold font; those rejected are shown in red bold font.
The sequence of claims has been modified to show the subordination of the claims.