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(54) **SYSTEM AND METHOD FOR ERROR HANDLING AND RECOVERY**

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(58) **Field of Search** **714/4, 17, 704, 714/748, 774, 15, 1, 2, 29, 37, 43, 42, 48, 49**

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(57) **ABSTRACT**

A system and method for error handling and recovery in a content distribution system is described in which errors corresponding to failed file operations (e.g., file transfer errors, file delete errors) are placed in an error queue. Error analysis logic reads the errors from the error queue and makes a determination as to whether the file operation errors are recoverable errors based on an error recovery policy. If the error analysis logic determines that recovery is possible, then one or more error recovery procedures are invoked. The procedures may be specific to the content delivery system (e.g., “Server X was down on 1/20 between 10:20 and 11:00 AM”), or may be more general (e.g., “attempt file transfers 5 times before quitting”). If it is determined that an error is not automatically recoverable, then the error is included in an error report.

12 Claims, 16 Drawing Sheets

