

Title (en)
ARCHIVAL DATA STORAGE SYSTEM

Title (de)
DATENSPEICHERSYSTEM FÜR ARCHIVIERUNG

Title (fr)
SYSTÈME DE STOCKAGE DE DONNÉES D'ARCHIVAGE

Publication
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Application
EP 13828257 A 20130806

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- US 2013053852 W 20130806

Abstract (en)
[origin: WO2014025820A2] A cost-effective, durable and scalable archival data storage system is provided herein that allow customers to store, retrieve and delete archival data objects, among other operations. For data storage, in an embodiment, the system stores data in a transient data store and provides a data object identifier may be used by subsequent requests. For data retrieval, in an embodiment, the system creates a job corresponding to the data retrieval and provides a job identifier associated with the created job. Once the job is executed, data retrieved is provided in a transient data store to enable customer download. In various embodiments, jobs associated with storage, retrieval and deletion are scheduled and executed using various optimization techniques such as load balancing, batch processed and partitioning. Data is redundantly encoded and stored in self-describing storage entities increasing reliability while reducing storage costs. Data integrity is ensured by integrity checks along data paths.

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CA 2881567 C 20231017; CN 104603776 A 20150506; CN 104603776 B 20200512; EP 2883170 A2 20150617; EP 2883170 A4 20150729;
EP 3805941 A1 20210414; EP 3805941 B1 20240417; JP 2015534142 A 20151126; JP 2017182825 A 20171005; JP 6165862 B2 20170719;
JP 6463796 B2 20190206; KR 101766214 B1 20170809; KR 101825905 B1 20180322; KR 101954594 B1 20190306;
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EP 20197244 A 20130806; JP 2015526651 A 20130806; JP 2017094235 A 20170510; KR 20157005788 A 20130806;
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