

Title (en)

GARBAGE COLLECTION SYSTEM AND PROCESS

Title (de)

MÜLLSAMMELSYSTEM UND VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE COLLECTE DE DÉCHETS

Publication

**EP 3532939 A1 20190904 (EN)**

Application

**EP 17876888 A 20171129**

Priority

- US 201662427353 P 20161129
- US 201715825073 A 20171128
- US 2017063673 W 20171129

Abstract (en)

[origin: WO2018102392A1] A garbage collection process for a data deduplication storage system is disclosed. In one implementation, a method is disclosed to perform garbage collection that works effectively across a scale-out cluster and across very large amounts of data. The method includes compacting data in an object store in the scale-out cluster by examining data in a reference map of data blocks in the object store to determine which of the locations within a back-end object in an object store are referenced, and which locations are no longer referenced by a process. The back-end object in an Object Store are altered to remove block data from locations which are no longer referenced, and a hash-to-location table is updated to remove the entries for the removed block data.

IPC 8 full level

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CPC (source: EP)

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DOCDB simple family (application)

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