

Title (en)

SYSTEM AND METHOD FOR MANAGING PROGRAM MEMORY ON A STORAGE DEVICE

Title (de)

SYSTEM UND VERFAHREN ZUR VERWALTUNG EINES PROGRAMMSPEICHERS AUF EINER SPEICHERVORRICHTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE GESTION DE MÉMOIRE DE PROGRAMME SUR UN DISPOSITIF DE STOCKAGE

Publication

**EP 3698253 A4 20210804 (EN)**

Application

**EP 18867427 A 20181017**

Priority

- US 201762573178 P 20171017
- IL 2018051113 W 20181017

Abstract (en)

[origin: WO2019077607A1] A system and a method of managing program memory on a storage device. The method may include: receiving storage block information, including at least one of: storage block size of a storage device and block utilization limit of the storage device; receiving at least one first object file including a plurality of object code segments and a respective plurality of linker placeholders; sparsely stacking the object code segments to produce two or more libraries according to the storage block information; replacing the plurality of linker placeholders with actual addresses of sections of program memory according to the stacking of object code segments; and storing the plurality of object code segments on the storage device according to the actual addresses.

IPC 8 full level

**G06F 12/02** (2006.01); **G06F 8/654** (2018.01); **G06F 9/445** (2018.01); **G11C 7/00** (2006.01)

CPC (source: EP)

**G06F 8/654** (2018.01); **G06F 8/658** (2018.01)

Citation (search report)

- [X1] US 2015355900 A1 20151210 - CROSBY JAMES [GB], et al
- [X1] US 5727215 A 19980310 - RYNASKI RICHARD F [US], et al
- See references of WO 2019077607A1

Designated contracting state (EPC)

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**WO 2019077607 A1 20190425**; EP 3698253 A1 20200826; EP 3698253 A4 20210804

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