Title (en)

GRAPHICS SECURITY WITH SYNERGISTIC ENCRYPTION, CONTENT-BASED AND RESOURCE MANAGEMENT TECHNOLOGY

Title (de)

GRAFIKSICHERHEIT MIT SYNERGISTISCHER VERSCHLÜSSELUNG, INHALTSBASIERTER UND RESSOURCENVERWALTUNGSTECHNOLOGIE

Title (fr)

SÉCURITÉ GRAPHIQUE AVEC TECHNOLOGIE DE CHIFFREMENT SYNERGIQUE ET DE GESTION DES RESSOURCES BASÉE SUR LE CONTENU

Publication

EP 4237983 A1 20230906 (EN)

Application

EP 21887148 A 20210924

Priority
- US 202063108691 P 20201102
- US 202017133336 A 20201223
- US 2021052090 W 20210924

Abstract (en)

[origin: NL2029297A] Systems, apparatuses and methods may provide for encryption based technology. Data may be encrypted locally with a graphics processor with encryption engines. The graphics processor components may be verified with a root-of-trust and based on collection 5 of claims. The graphics processor may further be able to modify encrypted data from a non- pageable format to a pageable format. The graphics processor may further process data associated with a virtual machine based on a key that is known by the virtual machine and the graphics processor. 10

IPC 8 full level

G06F 21/72 (2013.01); **G06F 21/10** (2013.01); **G06F 21/62** (2013.01); **G06T 1/20** (2006.01); **H04L 9/08** (2006.01); **H04L 9/32** (2006.01)

CPC (source: EP)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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