

Title (en)

Electronic data processing device

Title (de)

Elektronische Datenverarbeitungseinrichtung

Title (fr)

Dispositif électronique de traitement de données

Publication

EP 1544820 B1 20130731 (EN)

Application

EP 04106441 A 20041209

Priority

- EP 04106441 A 20041209
- EP 03078879 A 20031211

Abstract (en)

[origin: EP1544820A1] An electronic data processing device, comprising a data processing member provided for controlling, based on first and second encoded data, a secured operation initiated by a user, said device further comprises a memory which is configurable in order to delimit at least one secured memory part within said memory, to each of said secured memory parts there being assigned a dedicated address range, said data processing member comprises N ($N \geq 2$) processing units of which M ($M \leq N-1$) processing units are provided to process said secured operation and at least one of the remaining $N-M$ processing units is provided for processing application data, to each of said M processing units there is assigned at least one of said secured memory parts by means of a configuration element controlled by a selected one of said M processing units, said second memory being provided with a memory access controller provided for controlling accesses to said second memory, said memory controller being provided for detecting an access request to said protected memory address, belonging to said ranges, when issued by one of said $N-M$ processing units and for overruling the detected protected address. <IMAGE>

IPC 8 full level

G06F 12/14 (2006.01); **G07F 19/00** (2006.01)

CPC (source: EP)

G07F 19/20 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

HR

DOCDB simple family (publication)

EP 1544820 A1 20050622; EP 1544820 B1 20130731

DOCDB simple family (application)

EP 04106441 A 20041209