Title (en)

METHOD AND APPARATUS FOR MONITORING UNAUTHORIZED ACCESS TO THE MEMORY OF AN ARITHMETIC UNIT, ESPECIALLY IN A MOTOR VEHICLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ÜBERWACHEN EINES UNERLAUBTEN SPEICHERZUGRIFFS EINER RECHENVORRICHTUNG, INSBESONDERE IN EINEM KRAFTFAHRZEUG

Title (fr)

PROCEDE ET DISPOSITIF POUR SURVEILLER UN ACCES NON AUTORISE A UNE MEMOIRE D'UNE UNITE DE CALCUL, EN PARTICULIER DANS UN VEHICULE AUTOMOBILE

Publication

EP 1894101 A1 20080305 (DE)

Application

EP 05753228 A 20050623

Priority

EP 2005006767 W 20050623

Abstract (en)

[origin: WO2006136189A1] Disclosed are a method and an apparatus for monitoring unauthorized access to a predetermined memory area in an arithmetic unit (1) comprising a monitoring means (10) with at least one sensor means (11) that is configured for recognizing an event of the arithmetic unit (1). The monitoring means (10) is also provided with at least one recognizing means (12) which is configured for monitoring the behavior of the event recognized by the sensor means (11). The monitoring means (10) is integrated into a sequence pattern (15) on the arithmetic unit (1) while being configured for monitoring the sequence pattern (15) during the runtime thereof, the monitoring means (10) detecting accesses to a memory address or an address range as events (E1, E2).

IPC 8 full level

G06F 12/14 (2006.01)

CPC (source: EP US)

G06F 11/073 (2013.01 - EP US); **G06F 12/1441** (2013.01 - EP US); G06F 11/0751 (2013.01 - EP US)

Citation (search report)

See references of WO 2006136189A1

Citation (examination)

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