

Title (en)

MEMORY RESERVATION FOR FREQUENTLY-USED APPLICATIONS IN AN EMBEDDED SECURE ELEMENT

Title (de)

SPEICHERRESERVIERUNG FÜR HÄUFIG VERWENDETE ANWENDUNGEN IN EINEM EINGEBETTETEN SICHEREN ELEMENT

Title (fr)

RÉSERVATION DE MÉMOIRE POUR DES APPLICATIONS FRÉQUEMMENT UTILISÉES DANS UN ÉLÉMENT SÉCURISÉ INTÉGRÉ

Publication

EP 4217864 A1 20230802 (EN)

Application

EP 21770041 A 20210920

Priority

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- EP 2021075780 W 20210920

Abstract (en)

[origin: WO2022063720A1] The present description concerns an embedded electronic system or a method implemented by such a system including: at least one volatile memory (RAM); at least one low-level operating system managing the allocation of areas of the volatile memory to a plurality of high-level operating systems, each including one or a plurality of applications (App20, App21), wherein data of execution of one or a plurality of tasks of said first application (App20) are partly transferred by the low-level operating system from said volatile memory to a non-volatile memory (WM) when the execution of said task of the first application is interrupted by the execution of at least one task of a second application (App21).

IPC 8 full level

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CPC (source: EP)

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