Title (en)

METHOD FOR OPERATING A MICROPROCESSOR UNIT, IN PARTICULAR IN A MOBILE TERMINAL

Title (de)

VERFAHREN ZUM BETRIEB EINER MIKROPROZESSOREINHEIT, INSBESONDERE IN EINEM MOBILEN ENDGERÄT

Title (fr)

PROCÉDÉ D'EXPLOITATION D'UNE UNITÉ DE MICROPROCESSEUR, NOTAMMENT DANS UN TERMINAL MOBILE

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Application

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Abstract (en)

[origin: WO2012113547A2] The invention relates to a method for operating a microprocessor unit, in particular in a mobile terminal, wherein the microprocessor unit comprises a microprocessor (MP) on which a normal runtime environment (NZ) is implemented with a first operating system (B1) and a secure runtime environment is implemented with a second, secure operating system (B2). The microprocessor unit also comprises a RAM memory (R) outside the secure runtime environment (TZ), into which memory the first operating system (B1) is loaded when executing the normal runtime environment (NZ). The invention is distinguished by the fact that the second operating system (B2) is a secure version of the first operating system (B1), which version is loaded into a section of the RAM memory intended for the secure runtime environment during the execution of the secure runtime environment (TZ).

IPC 8 full level

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CPC (source: EP KR US)

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