Title (en)
METHOD FOR SYNCHRONIZING EVENTS, PARTICULARLY FOR PROCESSORS OF FAULT-TOLERANT SYSTEMS

Title (de)
VERFAHREN ZUR EREIGNISSYNCHRONISATION, DAMIT SYNCHRONISIERTE PROZESSOREN UND FEHLERTOLERANTER SYSTEME MIT DERARTIGEN PROZESSOREN

Title (fr)
PROCEDE DE SYNCHRONISATION D'EVENEMENTS, NOTAMMENT POUR DES PROCESSEURS DE SYSTEMES A TOLERANCE D'ERREUR

Publication
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Application
EP 03807779 A 20030806

Priority
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Abstract (en)
[origin: EP1398699A1] Method for synchronization of external events that are fed to a CPU in order to affect its behavior. Accordingly the events are temporarily stored and then fed to the CPU for processing when called up by its execution unit (EU). This operating mode is entered when a condition, previously set by a command or fixed operating condition, is fulfilled. Independent claims are also made for: (a) a CPU that comprises: at least a program execution unit (EU), at least a counter (CIC), at least a register (MIR) and at least a comparator (K) for switching the execution unit into a special operating mode when the counter unit matches the register unit; (b) and a system comprising at least two such CPUs.

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