

Title (en)

METHOD AND APPARATUS FOR DETERMINING A PROCESSOR STATE WITHOUT INTERRUPTING PROCESSOR OPERATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINES PROZESSORZUSTANDS OHNE UNTERBRECHUNG DES PROZESSORBETRIEBS

Title (fr)

PROCEDE ET APPAREIL DE DETERMINATION DE L'ETAT D'UN PROCESSEUR SANS INTERRUPTION DU FONCTIONNEMENT DU PROCESSEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004008319A2] A method and apparatus for determining an internal state of a host processor. Test data may be loaded into an output port (152) of a service processor (140). The service processor (140) may poll a valid bit stored in the host processor (10). Upon determining that the valid bit is clear, the service processor (140) may transmit the test data to the host processor, and set the valid bit. State data may be generated responsive to the test data. The state data may be written into output port (104) of the host processor (10). The service processor (140) may receive the data from the output port (104) of the host processor (10). The operation of determining the state of the host processor (10) is performed without interrupting the execution of instructions in the host processor (10).

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