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(54) **ADAPTIVE DATA COLLECTION PRACTICES IN A MULTI-PROCESSOR DEVICE**

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See application file for complete search history.

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(57) **ABSTRACT**
Adaptive data collection practices in a multi-processor device. The device may include a first processor and a second processor. The first processor may operate in any of a plurality of power states. The first processor may indicate to the second processor when it transitions to a different power state. The second processor may collect information relating to its operation. The second processor may collect the information according to different information collecting modes depending on in which power state the first processor is operating. Less information may be collected in an information collecting mode corresponding to a lower power state of the first processor than in an information collecting mode corresponding to a higher power state of the first processor.

19 Claims, 5 Drawing Sheets

