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Alshinnawi, Sr. et al.

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(54) **SEQUENTIAL POWER UP OF DEVICES IN A COMPUTING CLUSTER BASED ON RELATIVE COMMONALITY**

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(57) **ABSTRACT**

A computer program product includes computer usable program code for: identifying a plurality of power distribution units (PDUs) disposed in a rack, wherein each PDU receives power from a main power source and includes a circuit breaker; identifying a plurality of devices disposed in the rack, wherein each device receives power from one of the PDUs, and wherein the plurality of devices are selected from server nodes, network switches and external data storage devices; obtaining vital product data from a service processor in each device, wherein the vital product data identifies the device by a model identification code; and powering on, for each of the PDUs, the plurality of devices that are connected to the PDU in a sequence to prevent an inrush current from tripping the circuit breaker within the PDU, wherein the sequence powers on devices in order of ascending commonality of the model identification code.

16 Claims, 7 Drawing Sheets

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See application file for complete search history.

