US010143100B2

(12) **United States Patent**
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(10) **Patent No.: US 10,143,100 B2**
(45) **Date of Patent: Nov. 27, 2018**

(54) **MODULAR NETWORKING DEVICE CONNECTION SYSTEM**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 49 days.

(21) Appl. No.: **15/481,207**

(22) Filed: **Apr. 6, 2017**

(65) **Prior Publication Data**

US 2018/0295737 A1 Oct. 11, 2018

(51) **Int. Cl.**

H05K 5/02	(2006.01)
G06F 1/18	(2006.01)
G06F 13/40	(2006.01)

(52) **U.S. Cl.**

CPC ***H05K 5/0256*** (2013.01); ***G06F 1/181*** (2013.01); ***G06F 1/183*** (2013.01); ***G06F 13/409*** (2013.01)

(58) **Field of Classification Search**

CPC H05K 5/0256; G06F 1/181; G06F 1/183; G06F 13/409

See application file for complete search history.

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(57) **ABSTRACT**

A modular networking device connection system includes a modular networking system chassis that defines a modular networking device slot. An internal wall is located in immediately adjacent the modular networking device slot, and includes a internal wall connector that connects to a modular networking device positioned in the modular networking device slot. A networking processing device is located opposite the internal wall, and includes a networking processor that is mounted to a networking processing device board and coupled via at least one trace to a networking processing device connector that is mounted to the networking processing device board. The networking processing device connector is directly connected to the internal wall connector by a first cable that transmits signals received through the internal wall connector directly to the networking processing device connector for provision to the networking processor via the networking processing device board.

20 Claims, 19 Drawing Sheets