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Declarations under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR EXTENDED PERIPHERAL COMPONENT INTERCONNECT EXPRESS FABRICS

(57) Abstract: An exemplary embodiment extended peripheral component interconnect express (PCIe) device includes a host PCIe fabric comprising a host root complex. The host PCIe fabric has a first set of bus numbers and a first memory mapped input/output (MMIO) space on a host CPU. An extended PCIe fabric includes a root complex endpoint (RCEP) as part of an endpoint of the host PCIe fabric. The extended PCIe fabric has a second set of bus numbers and a second MMIO space separate from the first set of bus numbers and the first MMIO space, respectively.

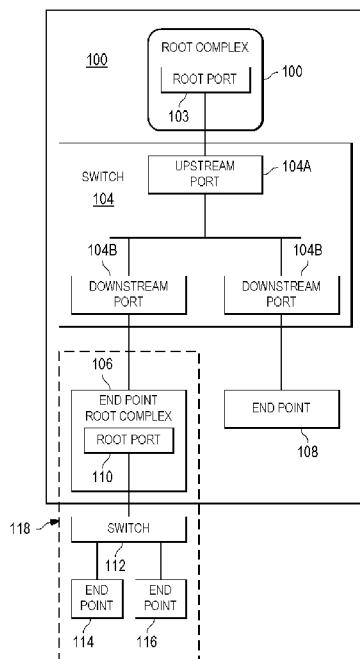


FIG. 1

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

G06F 13/40(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNKI,CNPAT,WPI,EPDOC: PCIe, peripheral component interconnect express, PCI express, root complex, endpoint, root complex endpoint, RCEP, extended, host

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	SHAO, Wesley. "Extending PCI Express Fabrics." <i>PCI-SIG Developers Conference Asia-Pacific Tour 2013.</i> , Vol. the whole document, 22 October 2013 (2013-10-22),	1-21
A	US 2007147359 A1 (INTEL CORPORATION) 28 June 2007 (2007-06-28) the whole document	1-21
A	US 2009276551 A1 (INTERNATIONAL BUSINESS MACHINES CORPORATION) 05 November 2009 (2009-11-05) the whole document	1-21
A	CN 101165665 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 23 April 2008 (2008-04-23) the whole document	1-21



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

“A” document defining the general state of the art which is not considered to be of particular relevance

“E” earlier application or patent but published on or after the international filing date

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“O” document referring to an oral disclosure, use, exhibition or other means

“P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

“&” document member of the same patent family

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
US	2007147359	A1	28 June 2007	Non	e		
US	2009276551	A1	05 November 2009	Non	e		
CN	101165665	A	23 April 2008	US	2008092148	A1	17 April 2008