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Property
Office

Application

GB2404825

Application details

Application number	GB0414532.2
Publication number	GB2404825
Application title	Distributed multiplexing and multiplexor circuit
Abstract title	Chaining of a 1:1 and several 2:1 multiplexer modules into a distributed multiplexer
Abstract	A multiplexor circuit (201) comprises a plurality of data connections (214a-214b), first stage logic (204) configured to receive a first data word (260) from one of the connections and to transmit the first data word received, and second stage logic (205) configured to receive the first data word from the first stage logic and to select a selected data word between the first data word and a second data word received from another of the plurality of data connections based upon a set of select signals (246-251), the second stage logic (205) then transmits the selected data word. The third and subsequent stages repeat the operation of stage 2. A stack of multiplexors (204-207) can be chained together to adjust the size of the distributed multiplexor (201).
Status	Not in force
Not in force reason	Terminated

Dates

Lodged date	29 June 2004
Filing date	29 June 2004
Publication date	9 February 2005
Date examination requested	31 January 2005
Not in force date	2 February 2008

Priority claims

Country or office of filing	Filing date	Application number
United States	1 August 2003	10632885

Applicants

Name	Address
Hewlett-Packard Development Company, L.P.	11445 Compaq Center Drive West, Houston, Texas 77070, US

Representation

The 'address for service' is the address for the applicant or their representative. It is the main point of contact for the application and is used in the event of any legal proceedings.

Name	Address for service
Williams Powell	11 Staple Inn, LONDON, WC1V 7QH, GB

Inventors

The address has been provided for the purposes of identifying the inventor(s) and may not be up to date.

Name	Address
Edward Chang	514 Dunraven Drive, Ft Collins, Colorado 80525, US

History

Date	Details
12 November 2007	Event Notification of change of Address For Service address of WILLIAMS POWELL, Morley House, 26-30 Holborn Viaduct, LONDON, EC1A 2BP, United Kingdom [ADP No. 05830310001] to WILLIAMS POWELL, Staple Court, 11 Staple Inn Buildings, LONDON, WC1V 7QH, United Kingdom [ADP No. 05830310001] dated 05.11.2007. Written notification filed on GB2437844 WIPO ST.27 category and code Changes to party contact information recorded (R18)

For more information on WIPO ST.27 categories and codes, visit <https://www.wipo.int/standards/>

Examination details

A Publication refers to a patent application being published. B Publication refers to a patent being granted.

Patent citations

Citations are earlier documents used by patent examiners to determine if the invention of this patent application is new and inventive. View the list of citations for this patent on Espacenet.

Publication stage	Publication number
A+B	GB1483903 (A)
A+B	EP0492862 (A2)
B	US5677638 (A)
B	US6337867 (B1)
B	EP0866632 (A2)

Non-patent citations

Publication stage	Citations
B	Bob REESE, "Combinational Building Blocks", published 14/10/1999, Mississippi State University, available from http://www.ece.msstate.edu/~reese/EE3714/combblocks/ and http://www.ece.msstate.edu/~reese/EE3714/combblocks/combblocks.pdf#search=%22tri%20state%20multiplexor%22

Classifications

Version 1-7 of the International Patent Classification (IPC)

Versions 1-7 of the IPC were in force from 1 September 1968 to 31 December 2005. The IPC is an internationally maintained patent classification scheme administered by the World Intellectual Property Organisation (WIPO). IPC classification symbols classify patents according to their different areas of technology.

Publication stage	Subclass	Subgroup	Version	Category
A	H03K	17/693	07	First Invention Information Symbol
A	H04J	3/00	07	Other Invention Information Symbol

UK Classification Key (UKC)

UK Classification Key (UKC) was the UK's national patent classification until 30 June 2007. View patent classification guidance.

Publication stage	Heading	Classifying term	Indexing term
A	H4M	MTX	MTX1
A	H3P	PHX	PHX
A	H3T		T2B2
A	H3T		T2B3
A	H3T		T2F1
A	H3T		T4R
A	H3T		T1C2

Field of search

This shows the databases or classification schemes where examiners have searched for this invention.

Publication stage	Searched	Codes
B	databases	Selected Internet Pages
A	databases	EPODOC, JAPIO, WPI
A	IPC	H03K
A	IPC	H04J
A	IPC	H04L
A	UKC	H3P
A	UKC	H4M