

Title (en)

METHODS AND SYSTEMS FOR SYNCHRONOUS EXECUTION OF COMMANDS ACROSS A COMMUNICATION LINK

Title (de)

VERFAHREN UND SYSTEME ZUR GLEICHZEITIGEN AUSFÜHRUNG VON BEFEHLEN ÜBER EINE KOMMUNIKATIONSVERBINDUNG

Title (fr)

PROCEDES ET SYSTEMES POUR L'EXECUTION SYNCHRONE DE COMMANDES A TRAVERS UNE LIAISON DE COMMUNICATION

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Application

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Abstract (en)

[origin: WO2006058051A2] The present invention relates to methods and systems for updating a buffer. In one aspect, the present invention provides a method for updating a buffer, which includes strategically writing to the buffer to enable concurrent read and write to the buffer. The method eliminates the need for double buffering, thereby resulting in implementation cost and space savings compared to conventional buffering approaches. The method also prevents image tearing when used to update a frame buffer associated with a display, but is not limited to such applications. In another aspect, the present invention provides efficient mechanisms to enable buffer update across a communication link. In one example, the present invention provides a method for relaying timing information across a communication link.

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Citation (search report)

- [X1] WO 02098112 A2 20021205 - TRANSHIP INC [IL], et al
- [XPI] US 6850282 B1 20050201 - MAKINO JUN [JP], et al
- [A] US 2002140845 A1 20021003 - YOSHIDA YUTAKA [JP], et al
- [XPI] STMICROELECTRONICS: "STV0974 Mobile Imaging DSP Rev.3", 30 November 2004 (2004-11-30), XP002619368, Retrieved from the Internet <URL:http://pdf1.alldatasheet.com/datasheet-pdf/view/112376/STMICROELECTRONICS/STV0974.html> [retrieved on 20110127]
- See references of WO 2006058053A2

Citation (examination)

- EP 1580964 A1 20050928 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- "nokia 6255", Retrieved from the Internet <URL:http://nokiamuseum.com/view.php?model=6255> [retrieved on 20120204]

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US 2005042413 W 20051123; AU 2005309686 A 20051123; AU 2005309687 A 20051123; AU 2010200617 A 20100219; AU 2010202381 A 20100608; BR PI0518262 A 20051123; CA 2588702 A 20051123; CA 2588715 A 20051123; CA 2588716 A 20051123; CA 2671560 A 20051123; CN 200580046864 A 20051123; CN 200580046865 A 20051123; CN 200580046866 A 20051123; CN 200580046872 A 20051123; CN 200580046919 A 20051123; CN 200580046931 A 20051123; CN 200580047188 A 20051123; CN 201010592088 A 20051123; EP 05849651 A 20051123; EP 05852048 A 20051123; EP 05852049 A 20051123; EP 12157614 A 20051123; EP 12157615 A 20051123; IL 18340207 A 20070524; IL 18340807 A 20070524; IL 18341207 A 20070524; JP 2007543425 A 20051123; JP 2007543426 A 20051123; JP 2007543427 A 20051123; JP 2010108308 A 20100510; JP 2010127069 A 20100602; JP 2010196663 A 20100902; JP 2010287665 A 20101224; JP 2012040094 A 20120227; JP 2013044578 A 20130306; KR 20077013824 A 20070619; KR 20077013826 A 20051123; KR 20077013827 A 20070619; US 2005042414 W 20051123; US 2005042415 W 20051123