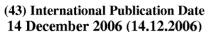
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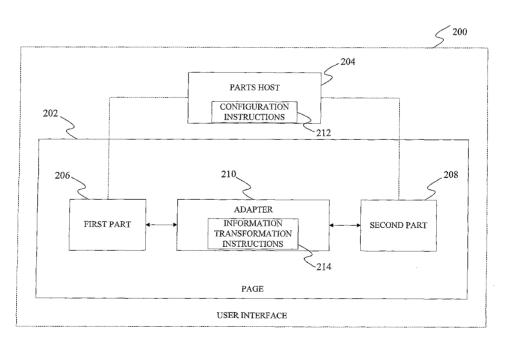
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(54) Title: FACILITATING COMMUNICATION BETWEEN USER INTERFACE COMPONENTS THAT TRANSMIT INFORMATION IN INCOMPATIBLE FORMATS



(57) Abstract: A system that facilitates communication between user interface components (or parts) that transmit information in incompatible formats is provided (206) The system includes an adapter that receives information in an information communication format of any one of the parts (210), and transforms the received information into an information communication format of any other one of the parts (206 and 208), thereby facilitating communication between the different parts (204)





INTERNATIONAL SEARCH REPORT

International application No.
PCT/US06/17592

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A. CLASSIFICATION OF SUBJECT MATTER IPC: G06F 3/048(2006.01)			
USPC: 715/804			
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)			
U.S. : 715/804, 715/762, 715/764			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
bocumentation searched other than imminum documentation to the extent that such documents are included in the new searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) IEEE XPLORE, ACM, PRIQUEST, DATASTARWEB			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	nnronriate of the relevant passages	Relevant to claim No.
X	US 2005/0132278 A1 (YOSHIDA, SHIGERU) 31 J		1-20
Λ	35-40,106,150-155,160-162,172,325,355-356,395,40		1-20
X	US 7,146,564 B2 (HONG J. KIM ET AL) 20 DEC 2002 (20.12.2002), column 4, lines 6-58		1,9,16
x	US 7,016,963 B1 (JUDD et al) 24 Jul 2001 (24.7.2001), column 5, lines 41-61		1-20
х	US 2003/0106041 A1 (Stone et al) 3 Jan 2003 (3.1.2003), par.8-9		1,8,16
х	US 2003/0159105 A1 (Hiebert, Steven P.) 21 Feb 2002 (21.2.2002), par.9		1
х	X US 2005/0278270 (Carr et al) 14 Jun 2004 (14.5.2004), paragarph 6		1,6-8
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