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KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME,
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(54) Title: THE METHOD FOR EXECUTING A DIGITAL VALUE TRANSFER TRANSACTION AND THE DIGITAL VALUE TRANSFER SYSTEM FOR ITS IMPLEMENTATION

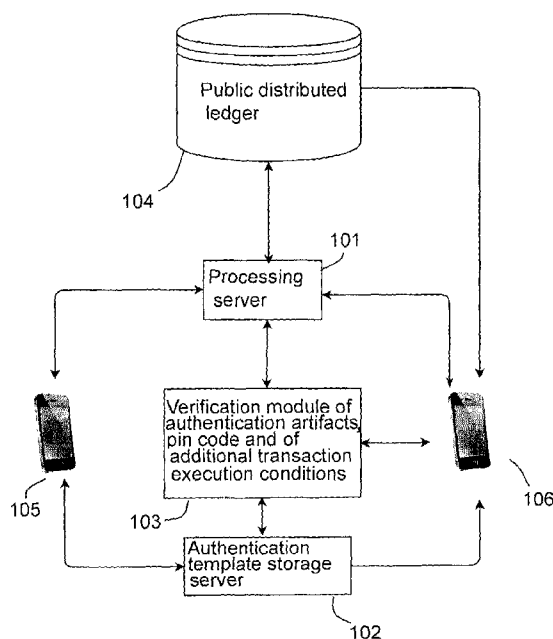


Fig. 1

(57) Abstract: The method for executing a digital value transfer transaction foresees entering (230, 430) by the payer the primary and secondary authentication artifacts specified by him/her and additional transaction execution conditions in the system. The primary authentication artifacts are created using a physical object. To complete the transaction, the recipient should enter (320, 520) the primary and secondary authentication artifacts specified by the payer and fulfill additional transaction execution conditions specified by the payer. The system for the method's implementation contains the processing server (101), authentication template storage server (102), verification module of authentication artifacts (103), and the public distributed ledger of transaction data (104).



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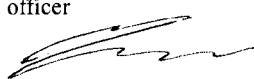
- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC: G06Q20/38; G06Q20/40; G06Q20/32 CPC: G06Q20/385, G06Q20/405, G06Q20/4012, G06Q20/4016 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) EPOQUE Net		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2016071097 A1 (SILOUET INC [US]) 10 March 2016 (2016-03-10)	1-19
Y	WO 2016186869 A1 (MASTERCARD INTERNATIONAL INC [US]) 24 November 2016 (2016-11-24)	1-19
Y	WO 2017066002 A1 (BANQU INC [US]) 20 April 2017 (2017-04-20)	1-19
Y	US 2008140531 A1 (WESTERN UNION CO [US] ET AL) 12 June 2008 (2008-06-12)	1-19
Y	US 2016162873 A1 (ZHOU DYLAN T X [US] ET AL) 09 June 2016 (2016-06-09)	1-19
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Name and mailing address of the ISA/ UA The State Enterprise "Ukrainian Intellectual Property Institute" 1 Hlazunova Str., Kyiv-42, 01601, Ukraine Facsimile No. +380 (44) 494-05-06		Authorized officer  I. BOITSOVA Telephone No. +380 (44) 494-05-72

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Information on patent family members

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Patent document, cited in the search report	Publication date	Patent family member(s)	Publication date
US 2016071097 A1	2016-03-10	None	
WO 2016186869 A1	2016-11-24	US 2016342978 A1	2016-11-24
WO 2017066002 A1	2017-04-20	None	
US 2008140531 A1	2008-06-12	AU2002254293 A1	2002-10-15
		CA 2443220 A1	2002-10-10
		EP 1629426 A2	2006-03-01
		EP 1700259 A2	2006-09-13
		US 2002143566 A1	2002-10-03
		US 7092916 B2	2006-08-15
		WO 02079926 A2	2002-10-10
		WO 02079939 A2	2002-10-10
		WO 2004107096 A2	2004-12-09
US 2016162873 A1	2016-06-09	CN 104781841 A	2015-07-15
		CN 104995545 A	2015-10-21
		EP 2896001 A1	2015-07-22
		IN 3115DEN2015 A	2015-10-02
		US D799374 S	2017-10-10
		WO 2013064986 A1	2013-05-10
		WO 2014064549 A1	2014-05-01
		WO 2015170253 A1	2015-11-12
		WO 2017137888 A1	2017-08-17