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(12) United States Patent Boucher

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(54) PORTABLE OBJECT INCLUDING A DISPLAY AND APPLICATION FOR CARRYING OUT ELECTRONIC TRANSACTIONS

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(56) References Cited

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

EP 0 649 547 B1 6/1997 EP 0 980 053 A2 2/2000 WO WO 2008080879 A1 * 7/2008

OTHER PUBLICATIONS

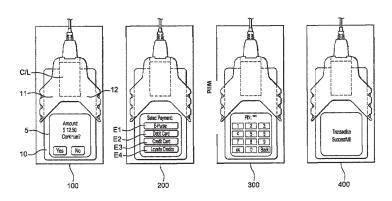
International Search Report (PCT/ISA/210) issued on Mar. 31. 2010, by European Patent Office as the International Searching Authority for International Application No. PCT/EP2009/066034.

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(57) ABSTRACT

A smart portable object including a safety component and a display, wherein the display is directly or indirectly interactive between a user and the safety component. The smart portable object also relates to implementing an electronic transaction, including a display step for displaying all or some of the information that is useful to a user for the transaction and/or a step of interacting with the user, wherein the display and/or interaction step is carried out via the interactive display.

18 Claims, 3 Drawing Sheets





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(51)	Int. Cl.		6,547,130 B1*	4/2003	Shen 235/380
	G07F 7/10	(2006.01)	6,616,035 B2*	9/2003	Ehrensvard et al 235/380
	G06Q 20/34	(2012.01)	6,760,014 B1*	7/2004	Liberman 345/169
	~	,	6,915,957 B2*	7/2005	Kisliakov 235/492
	G06K 19/077	(2006.01)	7,440,771 B2*	10/2008	Purk 455/556.1
	G06Q 20/12	(2012.01)	7,802,728 B2*	9/2010	Kisliakov 235/492
	G07F 7/08	(2006.01)	8,820,638 B1 *	9/2014	Cotter et al 235/380
(52)	U.S. Cl.	,	2002/0077974 A1*	6/2002	Ortiz 705/39
(32)		(W10/07703/0013 01) COACH 10/07707	2002/0178124 A1*	11/2002	Lewis 705/67
		6K19/07703 (2013.01); G06K 19/07707	2002/0180584 A1*	12/2002	McGregor et al 340/5.26
	(2	013.01); <i>G06Q 20/12</i> (2013.01); <i>G06Q</i>	2004/0235450 A1*	11/2004	Rosenberg 455/406
	20/34	<i>1</i> (2013.01); <i>G06Q 20/4012</i> (2013.01);	2006/0131393 A1	6/2006	Cok et al.
	G	06Q 20/40145 (2013.01); G07F 7/0806	2007/0027804 A1	2/2007	Vega
	0.	(2013.01)	2007/0158408 A1*	7/2007	Wang et al 235/380
		(2013.01)	2008/0110977 A1*	5/2008	Bonalle et al 235/380
			2008/0126260 A1*	5/2008	Cox et al 705/67
(56)	(56) References Cited		2008/0223925 A1*	9/2008	Saito et al 235/380
			2009/0173784 A1*	7/2009	Yang 235/380
	U.S. F	2009/0307132 A1*	12/2009	Phillips 705/41	
			2010/0170942 A1*	7/2010	Lo Iacono 235/375
	6,234,389 B1*	5/2001 Valliani et al 235/380	2011/0140841 A1*	6/2011	Bona et al 340/5.83
	6,257,487 B1*	7/2001 Hayashida 235/380			
	6.512.840 B1 *	1/2003 Tognazzini	* cited by examiner		



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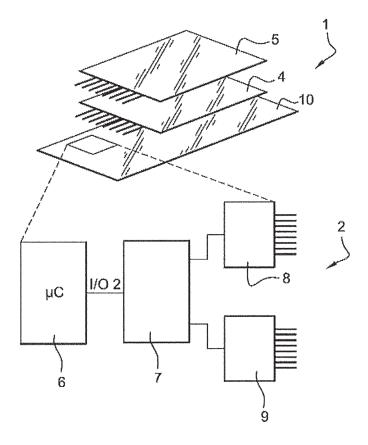
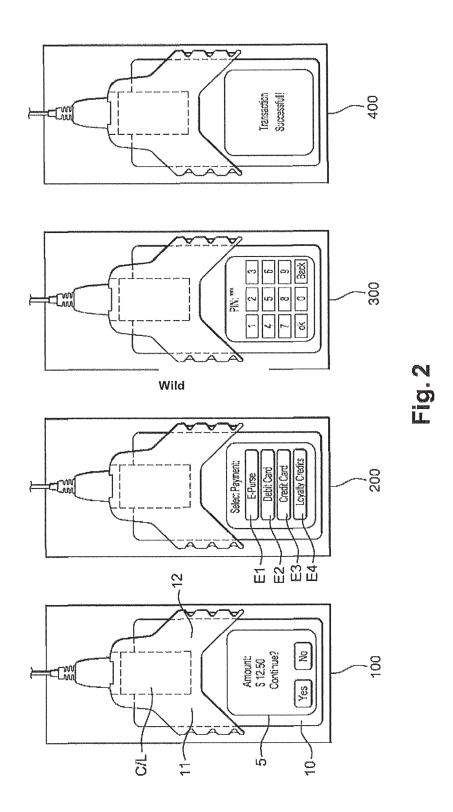
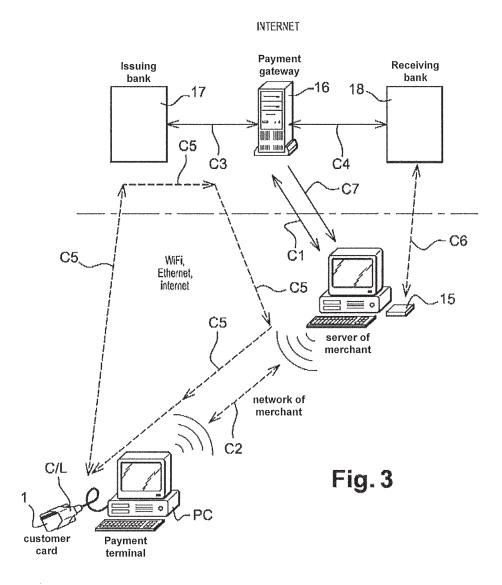


Fig. 1



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