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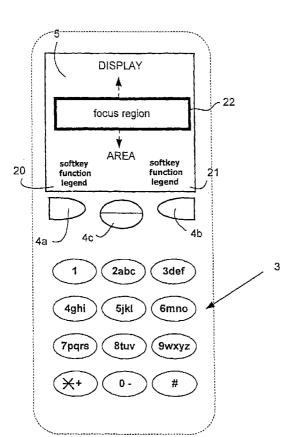
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(54) Title: DEVICE FOR USE AS A CLIENT IN A CLIENT-SERVER SYSTEM



(57) Abstract: A WAP enabled mobile telephone handset (MS1) has a display device (5) and a processor (8) operable to provide user selectible displays of decks of WAP cards derived from a remote WAP server (18), and a user operable keys 3,4 for controlling the display provided by the display device, the keys being individually operable in first and second time windows to provide different key functionalities for controlling the display provided by the display device.

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	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rel	Relevant to claim No.							
χ	EP 0 817 448 A (NOKIA MOBILE PHON	1-7,							
	7 January 1998 (1998–01–07) the whole document		10-20						
Α	US 5 991 396 A (TEN WOLDE JAN HEN LOUIS ET AL)	1-20							
	23 November 1999 (1999-11-23)								
	abstract								
	column 1, line 46 -column 6, line figure 1								
Α	US 6 088 594 A (KINGDON CHRISTOP)	HER H ET	1-20						
	AL) 11 July 2000 (2000-07-11) abstract								
	column 4, line 9 - line 53; figur								
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A document defining the general state of the art which is not st									
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INTERNATIONAL SEARCH REPORT

Interna Application No PCT/EP 01/07867

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0817448	A	07-01-1998	GB EP JP US	2314726 A 0817448 A1 10097368 A 5892475 A	07-01-1998 07-01-1998 14-04-1998 06-04-1999
US 5991396	A	23-11-1999	AU CA DE DE DK WO EP ES JP	721455 B2 5109396 A 2214709 A1 69613105 D1 69613105 T2 813769 T3 9627947 A1 0813769 A1 2159020 T3 2001509921 T	06-07-2000 23-09-1996 12-09-1996 05-07-2001 31-01-2002 24-09-2001 12-09-1996 29-12-1997 16-09-2001 24-07-2001
US 6088594	A	11-07-2000	AU BR CA WO	1596399 A 9815041 A 2311760 A1 9927742 A1	15-06-1999 03-10-2000 03-06-1999 03-06-1999