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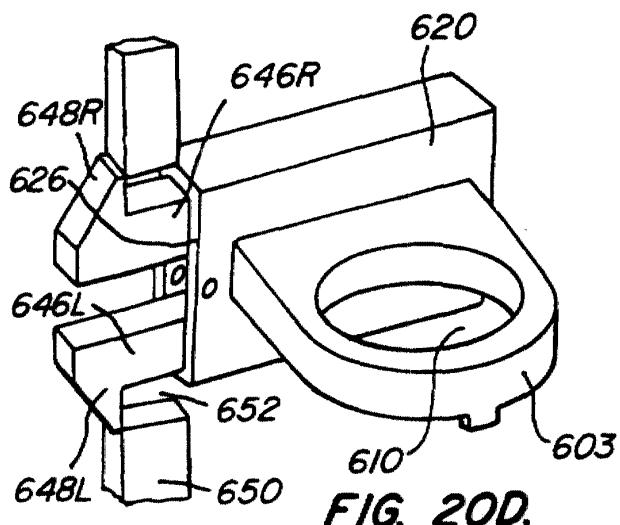
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### (54) Computer physical security device

(57) A locking device for attaching to a security slot (652) in a portable object, comprising: a housing (620); a moveable locking arm (646) extending from said housing (620) and having a locking member (648) at an end of said arm that extends outside of said housing (620), said locking member (648) having a shape for insertion into and removal from the security slot (652), said lock-

ing arm (646) moveable between locking position and an unlocked position; a pin (634), coupling the housing (620) to the security slot (652) when said locking arm (646) is in said locked position, for inhibiting transition of said locking arm (646) to said unlocked position; and a cable, coupled to said housing, for attachment to an object other than to the portable object.





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## EUROPEAN SEARCH REPORT

Application Number  
EP 00 10 6042

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 881 364 A (WHEELER) * the whole document *	1,2	E05B73/00 G08B13/22 G06F1/16
X	WO 93 15295 A (KENSINGTON MICROWARE LIMITED) 5 August 1993 (1993-08-05) * the whole document *	4-13	
X	US 5 327 752 A (MYERS ET AL.) 12 July 1994 (1994-07-12) * the whole document *	4-13	
X	US 5 117 661 A (CARL ET AL.) 2 June 1992 (1992-06-02) * the whole document *	1,2	
A	US 2 677 261 A (JACOBI) 4 May 1954 (1954-05-04) * the whole document *	3-13	
E	WO 95 10680 A (KENSINGTON MICROWARE LIMITED) 20 April 1995 (1995-04-20) * the whole document *	1,2	TECHNICAL FIELDS SEARCHED (Int.Cl.7) E05B
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
THE HAGUE	28 October 2002		Westin, K
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 10 6042

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28-10-2002

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 881364	A	NONE			
WO 9315295	A	05-08-1993	AU	3477493 A	01-09-1993
			DE	9321554 U1	12-08-1999
			DE	69325550 D1	12-08-1999
			DE	69325550 T2	28-10-1999
			DE	577811 T1	10-10-1996
			EP	0577811 A1	12-01-1994
			JP	2650147 B2	03-09-1997
			JP	6511297 T	15-12-1994
			US	5381685 A	17-01-1995
			WO	9315295 A1	05-08-1993
			US	6000251 A	14-12-1999
			US	5502989 A	02-04-1996
			US	5493878 A	27-02-1996
			US	2001013234 A1	16-08-2001
			US	6155088 A	05-12-2000
			US	2002017119 A1	14-02-2002
			US	6000252 A	14-12-1999
US 5327752	A	12-07-1994	US	5400629 A	28-03-1995
US 5117661	A	02-06-1992	NONE		
US 2677261	A	04-05-1954	NONE		
WO 9510680	A	20-04-1995	US	6000251 A	14-12-1999
			AU	7977694 A	04-05-1995
			US	6112562 A	05-09-2000
			WO	9510680 A1	20-04-1995
			US	5502989 A	02-04-1996
			US	5493878 A	27-02-1996
			US	2001013234 A1	16-08-2001
			US	6155088 A	05-12-2000
			US	2002017119 A1	14-02-2002
			US	6000252 A	14-12-1999