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(54) Title: SECURE MOBILE WIRELESS DEVICE

Trusted Computing Environment Trusted Computing Base: Run at restricted system capability Runs at Root - permission to modify executables. WriteUserData Phone Network ReadUserData TICE Location Local Network

(57) Abstract: A secure mobile wireless device in which executable code to be installed on the device is assigned a set of capabilities which define the protected resource(s) on the device which it can access. Hence, the present invention takes the idea of capabilities (known in the context of defining the capabilities or access privileges of different users in a multi-user system) and applies it to defining the capabilities or access privileges of different native executable code for secure, single-user mobile wireless devices.



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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 - 606F - H04L

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 practical, search terms used)

EPO-Internal, INSPEC, PAJ, IBM-TDB, WPI Data

Category °	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.
X	EP 0 813 133 A (IBM) 17 December 1997 (1997-12-17) figures 6,7 abstract column 3, line 3 -column 6, li	ne 50	1-3,6,7, 9-12
X	EP 1 132 796 A (UNIV LOUVAIN) 12 September 2001 (2001-09-12) abstract column 14, paragraph 65 column 15, paragraph 71 -colum paragraph 72		1-3,6,7, 9-12
χ Furt	her documents are listed in the continuation of box C.	X Patent family members are	listed in annex.
"A" docume consider filing of "L" docume which	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another no or other special reason (as specified)	 "T" later document published after the or priority date and not in conflict cited to understand the principle invention "X" document of particular relevance cannot be considered novel or cinvolve an inventive step when document of particular relevance are the persidered to involve the product of involve. 	of with the application but e or theory underlying the e; the claimed invention cannot be considered to the document is taken alone

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