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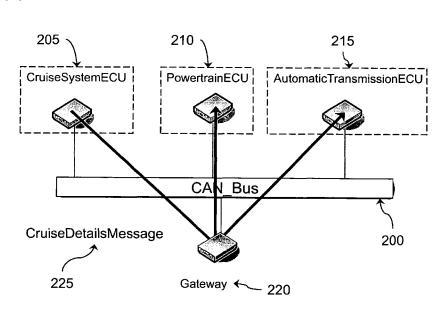
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[Continued on next page]

#### (54) Title: SYSTEM AND METHOD FOR DATA MANAGEMENT OF EMBEDDED SYSTEMS



(57) Abstract: A system, method, and computer program for managing embedded component information for a product design in a PLM environment, comprising displaying at least one message object; and associating said at least one message object with a signal object, and appropriate means and computer-readable instructions.

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According t	to International Patent Classification (IPC) or to both national clas	sification and IPC			
	S SEARCHED ocumentation searched (classification system followed by classif	lasti a sumi alak			
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	data base consulted during the international search (name of data nternal	a base and, where practical, se	earch terms used)		
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C. DOCUM	IENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the	e relevant passages	Relevant to claim No.		
Х	HO OF /21700 A1 /ADDLE CONDUCTED	Cuc 1)	4.7.0		
۸	WO 95/31780 A1 (APPLE COMPUTER 23 November 1995 (1995-11-23)	[02])	4-7,9		
Υ	abstract	1-3,8,			
	page 2, line 16 - page 5, line page 7, line 21 - page 49, line	10-11			
	1-27; figures 1-9				
Υ	US 2004/162741 A1 (FLAXER DAVII	1-3,8,			
A	AL) 19 August 2004 (2004-08-19) abstract	10-11 4-7,9			
Л	paragraphs [0014] - [0042], [(	4-7,9			
	[0358]; claims 1-19; figures 1-	-31			
Α	US 2005/183096 A1 (BRANIGAN JAN	1-11			
	ET AL BRANIGAN JAMES PETER [US] 18 August 2005 (2005-08-18)	JET AL)			
	abstract	,	*		
	paragraphs [0017] - [0022], [0] [0114]; claims 1-23; figures 1-				
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Furt	ther documents are listed in the continuation of Box C.	X See patent family	annex.		
* Special of	categories of cited documents:	"T" later document publish	ned after the international filing date		
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which	ent which may throw doubts on priority claim(s) or a is cited to establish the publication date of another on or other special reason (as specified)	involve an inventive s "Y" document of particular	step when the document is taken alone relevance; the claimed invention		
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	ent published prior to the international filing date but than the priority date claimed	in the art.  *&* document member of i	,		
	actual completion of the international search		international search report		
1	.0 July 2009	20/07/200	20/07/2009		
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	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040,	114 *			
	Fax: (+31–70) 340–3016	wierzejew	vski, Piotr		

## INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/US2008/009854

	Patent document cited in search report		Publication date		Patent family member(s)	Publication date
	WO 9531780	A1	23-11-1995	AU DE DE EP JP JP US	2465795 A 69524253 D1 69524253 T2 0791196 A1 3689425 B2 10500507 T 5734903 A	05-12-1995 10-01-2002 18-07-2002 27-08-1997 31-08-2005 13-01-1998 31-03-1998
	US 2004162741	A1	19-08-2004	NONE		
Į Į	US 2005183096	A1	18-08-2005	NONE		