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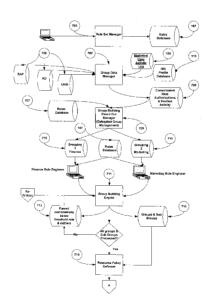
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(54) Title: COMPUTERIZED MANAGEMENT OF GROUPING ACCESS RIGHTS



(57) Abstract: Methods and apparatus determine a set of transactions that may be assigned to a grouping within a computer system or application. The set of transactions may be analyzed and assigned on the basis of statistical analysis of the actual usage versus current authorizations. In addition, the set of transactions may be analyzed for policy conflicts. The assignment of transactions to groupings may further be determined according to the presence of policy conflicts. Additionally, groupings may be assigned to users based on organizational characteristics such as membership in a company, division, department, business unit, or vocation.



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C. DOCU	JMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the relevant passages			es Relevant to clai	m No.
Х	US 2004/0128169 A1 (Lusen) 09 October 2004 (09.10.2004), whole document 1-6, 8-11, 19-2				-21
Y	US 2005/0183143 A1 (Anderholm) 18 August 2005 (18.8.2005), Paragraphs [0190] and [0015]			nd 13-16	
Y	US 2006/0200459 A1 (Ohnemus) 07 September 2006 (07.09.2006) Paragraph [0088]			17-18	
Y	US 2007/0179881 A1 (Lord) 02 August 2007 (02.08.2007), Paragraph [0080]			7	
P	US 2002/0133721 A1 (Adjaoute) 19 September 2002	2 (19.09.200	02), Paragraph [0018]	12	
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