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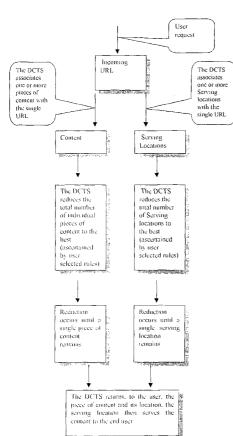
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(54) Title: METHOD, ARCHITECTURE, AND APPARATUS FOR DYNAMIC CONTENT TRANSLATION AND SWITCHING



(57) Abstract: This document outlines a new and novel concept for an internet infrastructure component system that allows companies to dynamically translate and switch content on the fly by creating a control channel which "rides" on top of existing protocols used in the internet and other communications systems today.

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A. CLASSII IPC 7	classification of subject matter C 7 H04L29/06						
According to	International Patent Classification (IPC) or to both national classifica	tion and IPC					
B. FIELDS							
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Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms used					
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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.				
χ	US 6 006 264 A (NAIR RAJ KRISHNAN	ET AL)	1				
	21 December 1999 (1999-12-21)						
	abstract column 2, line 48 -column 3, line 52						
	column 5, line 23 -column 10, line 22						
	column 11, line 4 - line 18						
	column 13, line 58 -column 14, li 	ne 4					
Α	US 5 838 916 A (DOMENIKOS GEORGE	C ET AL)	1				
	17 November 1998 (1998-11-17) abstract						
	column 3, line 1 - line 67						
	claim 1						
							
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		χ Patent family members are listed	in annex.				
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Information on patent family members

national Application No PCT/US 01/43917

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6006264	Α	21-12-1999	AU WO US	8373298 A 9906913 A1 6449647 B1	22-02-1999 11-02-1999 10-09-2002
US 5838916	A	17-11-1998	US US AU AU CA EP WO US	5838910 A 6065043 A 6115741 A 711280 B2 2329797 A 2248086 A1 0901655 A1 9734225 A1 6240442 B1	17-11-1998 16-05-2000 05-09-2000 07-10-1999 01-10-1997 18-09-1997 17-03-1999 18-09-1997 29-05-2001