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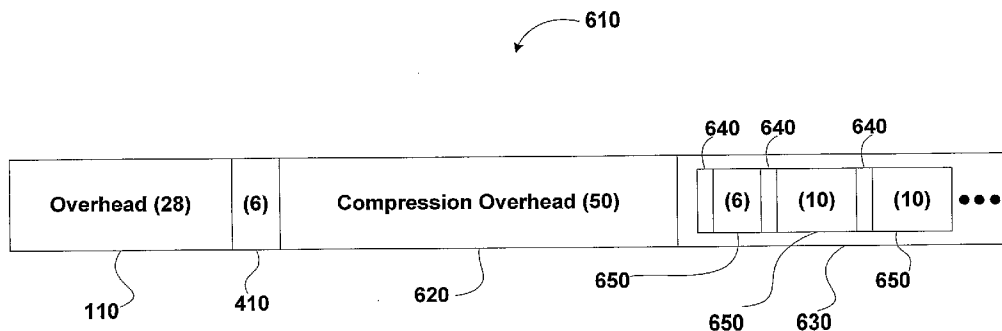
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(54) Title: DATA COMPRESSION APPROACH TO TELEPHONE NUMBER MANAGEMENT IN DOMAIN NAME SYSTEMS



(57) Abstract: Systems and methods of storing DNS data associated with a telephone number are presented. These systems and methods can reduce storage space needs, increase access speed and/or result in other benefits, in comparison with the prior art. In some embodiments, DNS data is indexed using a numerical representation of a telephone number rather than an alphanumeric representation. In some embodiments, DNS data associated with several different telephone numbers are grouped together within a single database record and indexed using a secondary key. In some embodiments, DNS data is compressed.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2004/0243596 A1 (LILLQVIST et al) 02 December 2004 (02.12.2004) entire document	1-20
Y	US 6,262,987 B1 (MOGUL) 17 July 2001 (17.07.2001) entire document	1- 20
Y	US 6,081,584 A (HIDAKA) 27 June 2000 (27.06.2000) entire document	2, 9
Y	US 2003/0093592 A1 (ALLISON) 15 May 2003 (15.05.2003) entire document	3, 19
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