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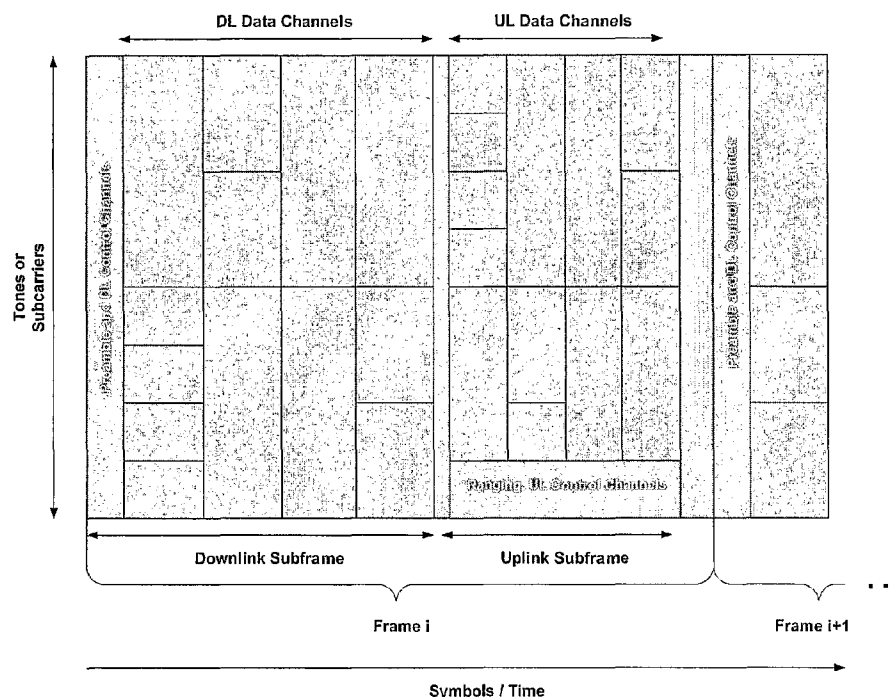
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR DIVIDING SUBCHANNELS IN A OFDMA NETWORK



(57) Abstract: A system and method for multiplexing subchannels in an OFDMA network is provided. The subchannels can be multiplexed by splitting the subchannels in the frequency domain. Alternatively, the subchannels can be code division multiplexed using N orthogonal spreading codes. The subchannel multiplexing increases system capacity for low-rate services, such as voice-based services.



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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.
X	US2004/0081123 A1 (Krishnan et al.) 29 April 2004 (29.04.2004), whole document	1, 2, 7-9 and 11
A	US2003/0043928 A1 (Ling et al.) 06 March 2003 (06.03.2003), whole document	1-16
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