



(54)	METHOD AND APPARATUS FOR GENERATING BINARY SEQUENCE GROUP	Publication Classification
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(73)	Assignee: Electronics and Telecommunications Research Institute, Daejeon (KR)	(52) U.S. Cl.
(21)	Appl. No.: 18/542,947	CPC ..... <i>H04L 27/2607</i> (2013.01); <i>H04L 5/0044</i> (2013.01); <i>H04L 27/20</i> (2013.01)
(22)	Filed: Dec. 18, 2023	(57) ABSTRACT
(30)	Foreign Application Priority Data	
	Dec. 19, 2022 (KR) ..... 10-2022-0178309	A method of a first communication node may comprise: generating a first sequence that is a maximal length sequence having a length of 2 <sup>n</sup> −1 for a positive integer n; generating a second sequence having a relationship of a preferred pair with the first sequence; generating a third sequence having a relationship of a preferred pair with the first sequence and the second sequence; and generating a binary sequence group using the first to third sequences.
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