



(54) **ENCODING METHOD, DECODING METHOD, AND RELATED APPARATUS**

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(57) **ABSTRACT**

An encoding method includes: obtaining m lanes of first data streams through m input lanes, where m is a positive integer; processing the m lanes of first data streams to obtain z lanes of second data streams, where z is a positive integer; separately performing encoding processing on each of the z lanes of second data streams to obtain z lanes of third data streams; and performing multiplex processing on the z lanes of third data streams to obtain n lanes of fourth data streams, where n is a positive integer.

