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(54) **DIGITAL SIGNAL CODING AND DECODING
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SYSTEM AND DIGITAL TELEPHONE
EXCHANGE SYSTEM**

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(57) **ABSTRACT**

A digital signal coding and decoding method, a digital broadcasting system, and a digital telephone exchange system are provided. The digital signal coding and decoding method includes providing a direct current signal; and providing a first direction indication signal and a second direction indication signal on the direct current signal according to each digital signal, so as to generate a plurality of coded signals. The digital signals include a plurality of low level digital signals and a plurality of high level digital signals. The first direction indication signal and the second direction indication signal are signals in opposite directions.

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