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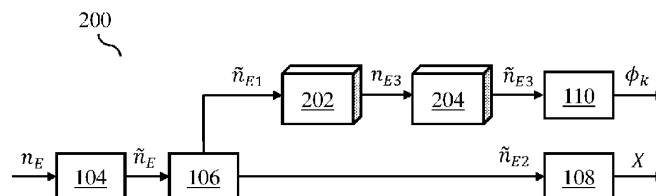


FIGURE 2a

(57) Abstract: This document describes a shape index modulation transmitter for a multi-mode orbital angular momentum (OAM) system that increases the probability that OAM modes with high reliability are activated during a transmission process of the OAM system.

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