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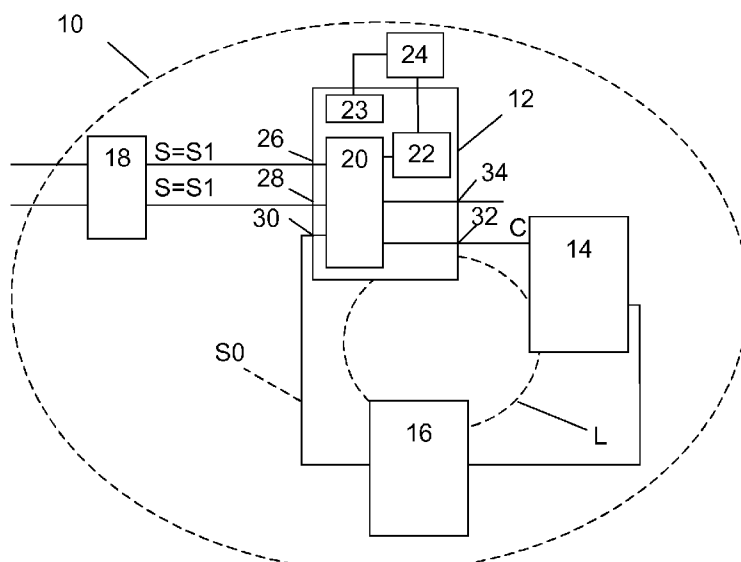


FIG. 1

(57) **Abstract:** The invention concerns a method, computing device, data processing system (10) and computer program product for ensuring correct processing of data according to various system states (S0, S1). The system includes a first data processing module (12) having a state control unit (22) which blocks reception of data on input channels (26, 28) where a state message (S) indicating a change from an old state (S0) to a new state (S1) has been received and sends a loop check message (C) into each loop in a set of data processing loops (L) the module (12) is connected in and for which the old state (S0) applies. The state control unit (22) also removes the blocking when for each loop in the set either the loop check message (C) is received in the module (12) or an associated input channel has received the new state and all other input channels (26, 28) have received the new state.