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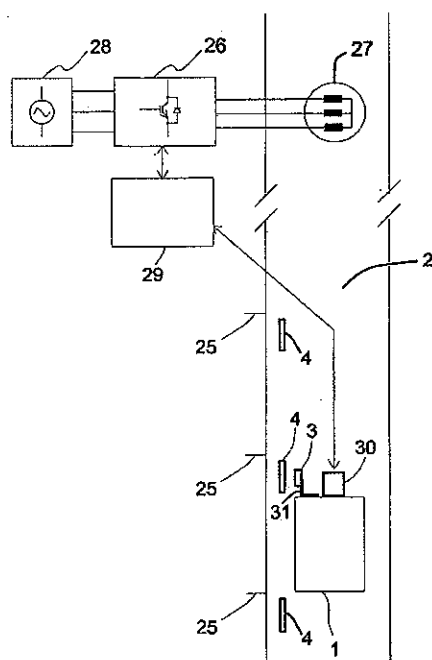


Fig. 1

(57) Abstract: The invention relates to an arrangement and a method for determining the position of an elevator car (1) in the elevator hoistway (2). The arrangement comprises a measuring apparatus (3) fitted in connection with the elevator car (1). The measuring apparatus is arranged to form an electromagnetic radio-frequency measuring signal (5), for determining the position of the elevator car. The arrangement also comprises a position identifier (4) fitted in a selected location in relation to the elevator hoistway (2). The position identifier is arranged to connect inductively to the aforementioned electromagnetic measuring signal (5), and also after it has connected to send a determined pulse pattern using the aforementioned measuring signal (5).