

Abstract of the Disclosure

FLEXIBLE MOUNTING OF A MOTOR SECONDARY IN A LINEAR
INDUCTION MOTOR FOR DRIVING ELEVATOR CAR DOORS

5 A linear induction motor for opening and closing elevator car
doors in an elevator system includes a motor primary fixedly attached
to a door hanger and a motor secondary flexibly mounted to a header
bracket of the elevator car. A pair of swivel joints secure the ends of
the motor secondary to the header bracket. The swivel joints
10 compensate for misalignment and twisting of the elevator car doors by
allowing multi-dimensional movement of the motor secondary relative
to the header bracket.

(Fig No. 5)