ELEVATOR LINEAR MOTOR DRIVE

ABSTRACT

Disclosed is a substrate processing system with a magnetic conduit configuration to improve the movement of a substrate carrier within the system. The configuration specifically provides for safe, secure movement of a carrier between multiple levels of a substrate processing system by using magnetic conduits to redirect magnetic forces created by a linear motor, permitting the linear motor to be positioned outside of the system and in a location that will not interfere with the movement of the carrier.

Figure 1 .