

RE-CONFIGURABLE LINEAR MOTOR COIL ASSEMBLY MODULE

ABSTRACT

The present invention proposes a more productive and efficient method of coil assembly. The coil design features electrical connectors at both ends and assembly grooves to facilitate multiple coil modules to be seamlessly cascaded to increase its output force. Hence, a single standard coil module needs to be produced instead of multiples of different sizes, which also enables localized replacement of any damaged module.

Fig. 1