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ABSTRACT

DISTRIBUTED JAMMER SYSTEM

There is provided according to some embodiments of the invention a laser directed infrared countermeasures system (hereinafter: 'LDIRCM system') mountable on a platform. According to some embodiments of the invention, a LDIRCM system may include a plurality of sector units. Each sector unit may include at least one laser unit and a laser guidance module. The laser unit may be adapted to generate a laser beam or laser energy that is intended for jamming a guidance system of a threat. The laser unit may be coupled to the laser guidance module. The laser guidance module may be adapted to steer at least a laser beam generated by the laser unit towards a threat. According to an aspect of invention, each one of the plurality of sector units is configurable to provide, when mounted on the platform, a jamming capability in respect of a threat located within a sector that is substantially less than 180° horizontally. The plurality of sector units are mountable on the platform such that each one of the sector units is configurable to provide a jamming capability in respect of a threat located within a different sector relative to the platform. Thus, the threat jamming capability of the LDIRCM system is defined by the aggregate of the different sectors covered by each one of the plurality of sector units.

Figure 1