

Abstract

Fault protection system for a power system of dynamically positioned vessel

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A fault protection system for a power system of a dynamically positioned vessel is provided. The power system is separated into two or more power system sections, each comprising a bus section of a power distribution bus. The bus sections are
10 connected by bus ties in a ring configuration. Each bus section comprises a connection to a generator and a connection to a thruster drive of the dynamically positioned vessel. The fault protection system comprises a fault isolation system which includes for each power system section a bus tie circuit breaker for breaking the connection provided by the bus
15 tie.

Figure 1

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