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Swanson et al.

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(54) **ADVANCED SEISMIC CONTROLLER SYSTEM**

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(52) **U.S. Cl.**

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(58) **Field of Classification Search**

CPC G01V 1/162; G01V 1/288; G01V 1/307
See application file for complete search history.

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(57) **ABSTRACT**

A method includes receiving over a network from one or more seismic sensors a data set characterizing a seismic event generating a seismic wave. Based on the data set, a time of arrival and intensity of the seismic wave at a predetermined location is calculated. The predetermined location has one or more mitigation devices. Whether the intensity of the seismic wave exceeds a predetermined seismic intensity threshold is determined. If the intensity of the seismic wave exceeds the predetermined seismic intensity threshold, the one or more mitigation devices are activated.

15 Claims, 3 Drawing Sheets

