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(57) Abstract :

The present disclosure relates to the field of a personal protective equipment (PPE) technology. More particularly, the present disclosure relates to an current detecting device in shape of glove (200) use to fit in full hand. The innovative technology combines real-time current detection capabilities with a protective full hand glove (200), offering a comprehensive safety solution. The device (200) swiftly detects the presence of electrical currents and provides early warnings to wearers, enabling them to mitigate risks and prevent electric shock. By seamlessly integrating advanced detection technology with personal protective equipment (PPE), the solution offers a heightened level of protection against electrical hazards. Customizable alerts, enhanced safety awareness, and promotion of a safety-conscious culture are among the advantages. The device (200) versatile application spans industries where electrical risks are present. This transformative approach to electrical safety empowers workers, minimizes accidents, contributes to a safer and more secure work environment

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