

Crown Energy Subsidiary Secures US Patent for Sensorized Garment Technology

Crown Energy's subsidiary AccYouRate Group SpA has been granted a US patent for its textile-based technology that enables continuous health monitoring through garments. The patent strengthens the company's position in the digital health and smart textiles market.

Crown Energy announces today that the United States Patent and Trademark Office (USPTO) has granted a new patent to its subsidiary, AccYouRate Group SpA. The newly granted patent, titled "*Sensorized Garment*", protects technology that incorporates electrically conductive ink electrodes directly into textile garments for continuous monitoring of vital biomedical signals, including electrocardiogram (ECG) and breathing rate.

The patented technology marks an important step forward in wearable health monitoring by embedding medical-grade sensors directly into everyday clothing. Unlike traditional wearable devices that require metal electrodes, this innovation uses conductive ink printed into the fabric structure, providing a practical, comfortable, and accurate monitoring solution.

The sensorized garment addresses limitations in current health monitoring technologies, enhancing the position of Crown Energy and AccYouRate in the evolving digital health and smart textile markets. Market applications for the technology include clinical monitoring, remote patient care, preventive healthcare, telemedicine, occupational health, and geriatric care.

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About Crown Energy

Crown Energy is transforming into a new and more socially responsible business direction, with focus on the medical technology industry and on improving the green footprint by way of investing in companies active in those areas.

The investment into the Healthtech company **AccYouRate** marked the start of the new Crown Energy in early 2023. AccYouRate holds high-tech patents and creates algorithms to support production of 'smart' wearable garments for use in the medical industry as well as services such as analysis, data gathering and extrapolations of medical information and growth of medical databases.

Crown has in early 2024 entered a strategic partnership with **KAYA Climate Solutions GmbH**, a project developer in nature-based solutions for climate change mitigation in Sub-Saharan Africa. This collaboration aims to be a starting point for large impact in climate change mitigation and adaptation through landscape restoration and nature conservation which will be financed by the voluntary carbon market and similar mechanisms.

The business area **Asset Development and Management** based in Angola is providing international companies Real estate and services. Crown Energy has been active in the oil and gas business for more than 10 years. Today the only remaining asset in the energy field is a passive holding of energy reserves which following the signing of a sale and purchase agreement is being divested. Crown has withdrawn from and/or written down its other earlier Licence holdings.

Attachments

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