

Crown Energy's Accyourate adds European patent to its IP portfolio

Crown Energy would like to acknowledge the grant of a European patent to its healthtech company Accyourate Group SpA for its sensorised wearable textile technology and corresponding manufacturing method. The patent adds to Accyourate's existing intellectual property portfolio and reflects the company's ongoing work to protect its technology and manufacturing processes.

The European Patent Office (EPO) granted European Patent EP 4568736 B1 to Accyourate Group SpA. The patent, titled "Sensorised wearable textile device, garment incorporating the same and corresponding manufacturing method," was published as granted on 30 September 2026.

The patented technology relates to wearable textile devices designed to detect electrical signals used for monitoring parameters including electrocardiogram (ECG) and respiratory rate. The sensing elements are designed to be integrated into textile garments for extended periods of use. A central aspect of the patented technology is Accyourate's method for producing the sensing elements. Electrically conductive material is applied to a flexible sheet, which is then cut into precisely shaped elements integrating the skin-contact electrode and the conductive tracks carrying the electrical signal in one unit. The approach enables precision, repeatability and scalable production.

"For Accyourate, securing our IP means protecting both our sensing technology and the proprietary processes that enable its scalable manufacture. This patent strengthens that foundation, supporting the company as we continue to industrialise and commercialise our solutions," says Dr. Amir Beker, Chief Scientific Officer, Accyourate Group SpA.

The European patent forms part of Accyourate's ongoing strategy to strengthen intellectual property protection around its wearable monitoring platform and the technologies supporting its industrial production.

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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.

For more information about Crown Energy, visit www.crownenergy.se.

Attachments

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