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Directa Plus plc
(“Directa Plus” or the “Company”)

Further Two Patents Granted Covering Graphene Plus Production

Directa Plus now has complete protection of entire G+ manufacturing process

Directa Plus (AIM: DCTA), a producer and supplier of graphene-based products for use in consumer and industrial markets, is pleased to announce that Ufficio Brevetti e Marchi (Italian Patent and Trademark Office) has issued notification that a further two patents have been granted covering Directa Plus’ proprietary G+ manufacturing process. The Company now has a portfolio of 14 patents granted and eight pending.

Patent MI2014A001123: Process for preparing graphene nanoplatelets (GNPs)

This patent covers the core of Directa Plus’ G+ technology, the liquid exfoliation phase, where the Company’s material passes from a 3D to 2D state.

Patent MI2014A001124L: Continuous process for preparing pristine GNPs

This patent covers the entire production process of G+ pristine GNPs, which comprises natural graphite expansion, exfoliation and drying to obtain different grades and physical forms of G+ materials.

The patent is focused on the continuous character of the process while maintaining its inherent flexibility for the production of customised graphene-based products. The whole production process does not involve the use of any type of chemistry nor oxidation steps, therefore providing pure materials already certified as non-toxic for human health.

Giulio Cesareo, Chief Executive Officer of Directa Plus, said: “Our intellectual property is a key value driver for the business and so the continued widening of our patent protection is very important to us. It is a major step forward to achieve high volume production at a very low cost. These patents offer us excellent protection as we continue to see the commercial launch of more and more end-user products containing our technology.”

Enquiries

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