

Distinkt



Distinkt is a spin-off of the Institut Català de Nanociència i Nanotecnologia (ICN2), Universitat Autònoma de Barcelona (UAB) and the Spanish National Research Council (CSIC). The company commercialises a nanotechnology-based smart ink.

Distinkt develops security inks for the authentication of high-added value products of the mobile industry (e.g., phones, tablets).

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● Technologies

The nanoparticles produced by Distinkt are easily integrated into existing inks. They are invisible to the human eye, but visible when exposed to a specific light, and provide a dynamic and unique signature: they can change colour over time or show a different effect depending on the type of light shed on them. The inks can be used to print signs, barcodes or QR codes on any material or object, from banknotes to official documents, bags and cosmetic products, with the purpose of certifying their authenticity.

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