

Patented technology of great importance for Obducat's position

OBDUCAT AB, the world-leading supplier of lithography solutions based on Nano Imprint Lithography and E-beam lithography, is pleased to announce that two new patents have been granted. The US Patent Office has issued a patent for a technology that concerns Obducat's production technology of stampers. The second patent has been issued by the European Patent Office for an invention concerning functionality within Obducat's NIL technology (nano imprint lithography) called parallelization. Both patents are of great importance to position Obducat on the US and European market.

The patent issued in US covers a method that reduces the number of process steps needed in the manufacturing of Nickel stampers. This enables lower production costs for Nickel stampers. Nickel stampers are being used for the manufacturing of e.g. optical storage media. Stampers are considered as consumables and are also being used in the NIL technology.

The second patent issued in Europe focuses on so-called parallelization, which is an important functionality within the NIL technology. The parallelization facilitates a high quality result from the nano imprint lithography process where a pattern is transferred from a so-called stamper to a substrate. The parallelization technique offers performance advantages compared to competing techniques. The function enables an even force distribution over a larger area that is needed within e.g. the display area, which leads to an improved quality of the imprint, that in its turn leads to a higher cost efficiency from a manufacturing perspective.

Patrik Lundström, CEO Obducat, comments:

"It's of great importance that our key technologies are covered by patent protection. The technologies that have been patented today are important for the forthcoming success with our mass production solutions. For Obducat to receive patent protection is important so that we can strengthen our position and our offer to the US and European market", says CEO Patrik Lundström.

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Obducat AB is an innovative developer and supplier of technologies, products and processes used for the production and replication of advanced micro and nano structures. Obducat's products and services are intended to serve the demands of companies within the information storage, semiconductor, printed circuit board, and sensor industries. Obducat's technologies include electron beam and nano imprint technology. Obducat has offices in Sweden and the UK, with the head quarters located in Malmö, Sweden. The Obducat shares are publicly traded on the Swedish NGM stock exchange.

Read more at www.obducat.com