

Press Release

PolyIC GmbH & Co. KG: April 9th, 2008

PolyIC wins Best New Product Development Award 2008 by IDTechEx

At the Printed Electronics Europe Conference & Exhibition 2008 in Dresden, Germany, PolyIC was selected by IDTechEx for the award for the Best New Product Development in 2008.

The selected product is the world's first printed RFID tag, which is known to be a key product for printed electronics. It was presented in September 2007 by PolyIC. The tag is a product of the PolyIC product line PolyID[®]. It consists of roll-to-roll printed transponder chips based on the polymer semiconductor polythiophene printed on flexible polyester film. The chips are mounted on a low-cost antenna and work at the high-frequency range of 13.56 MHz.

The award was handed over to Dr. Wolfgang Clemens, Head of Applications with PolyIC, who says: "I am proud to receive this award as a result of our constant and intensive development in the field of printed electronics. Printed RFID is a key product for printed electronics, and with those first products we will enter into the first pilot applications. These pilot applications will prepare the market for the next steps."

These first printed tags do not contain ID information, but a unique oscillating signal. The first applications of PolyID[®] are systems for electronic presence detection and brand authentication. The thin, flexible and inexpensively printed RFID tags make RFID applications possible in areas where silicon is not suitable.

The PolyID[®] product line is constantly being upgraded in subsequent generations, starting from several bits down to the electronic product code (EPCTM), with which each

product in the logistics chain can be clearly identified. The tags are used in such fields as brand protection, authenticity control, ticketing and logistics.

PolyIC GmbH & Co. KG

PolyIC is a leading developer of polymer electronics technology and a future supplier of printed electronic products and components. PolyIC will provide products for high volume low cost applications based on organic semiconductors.

PolyIC uses its expertise in materials, new adapted chip design methods and mass production processes (roll-to-roll printing) for the development of this new technology.

The leading application for PolyIC is RFID (radio frequency identification). The technology of the company has the potential to be used in various electronics applications being thin, flexible, robust and low-cost. PolyIC is a member of EPCglobal – an organization for standardizing the use of RFID in the industries.

www.epcglobalinc.org/home

PolyIC is a founding member of the Organic Electronics Association, a working group under the umbrella of the VDMA (Verband Deutscher Maschinen- und Anlagenbau).

www.oe-a.org

PolyIC GmbH & Co. KG was set up in November 2003 as a joint venture between Leonhard Kurz GmbH & Co. KG (51%, hot stamping and coating) and Siemens AG (49%, electronics) for the development and production of printed polymer electronics. PolyIC is headquartered in Fürth on the premises of Leonhard Kurz GmbH & Co. KG.

PolyIC's webpage is accessible at www.polyic.com

The following picture is available online in printable quality at:

<http://www.polyic.com/en/press-images.php>



PolyID[®] used in an electronic brand protection application