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SCHNIER

*SCHNIER Elektrostatik GmbH has been awarded with the
Innovation Prize*



*Award ceremony: Rudi Winterhalter and Olav Schnier after
the awarding with the cheque and Award*

The ministry of economics in Baden-Württemberg has assigned the federal land innovation prize in Stuttgart. Under the awardees also company SCHNIER Elektrostatik GmbH from Reutlingen. Their invention, the “handcoulobmeter.” An indicator for the precise designation of electrostatic discharges. It is not only an active contribution in regards of safety at work but also an application-oriented Innovation which has been recognised by the Jury with a cheque of 7.500 Euro and lots of compliments form the minister of economics Ernst Pfister, for the medium sized inventor of the Achalmstadt.

The product: A handy sized tool which is very efficient.

The product, which brought the Dr.-Rudolf-Eberle-Preis 2009 to Reutlingen is small and very handy but in its application it is very efficient. The developed indicator of SCHNIER Elektrostatik GmbH makes the work of testing engineers a lot easier. It mainly makes a contribution in regards of safety at work for thousands of people employed in industry and handcrafts.

The reason is a phenomenon which is called brush discharge by physicist. An electrostatic discharge reaction which nearly everyone of us knows who got an electrostatic stroke by opening the car in the winter or with a salutatory kiss. "This feeling is certainly displeasing but considered by itself harmless", says Rudi Winterhalter, the product development manager and engineer at Schnier.

Furthermore the expert mentions that it is very different in regards to industry and handcrafts. In the working world electrostatic discharges are a substantial risk in production and where people work, especially by working with volatile and explosive substances like in paint shops or the petrochemical industry. In the worst case there can be explosions like in an action Movie!

The problem was that the energy content (and the potential of danger that comes with it) of electrostatic discharges was only able to be measured with unsatisfying accuracy up to now. For several decades there is a test with a gas ignition probe which follows up the principle of attempt and falsity which is very dim. So



Olav Schnier is demonstrating the Handcoulombmeter

far it was tried in partly detonating a hard controllable gas mixture to get information about the potential of the discharge. To give the user precise measurement and quantifiable data if he is still in the reasonable range in regard to electrostatic was not possible. There was only a YES/NO conclusion possible.

With the new invented indicator of SCHNIER, called „handcoulombmeter“ this cost intensive and risky method became dispensable. Instead of causing a real detonation there is a discharge of the handcoulombmeter activated. In split seconds the energy content of the spark is calculated and it shows the valuation in the digital display. The fact that the device has only the size of a curling iron makes the handling extremely easy and cost-efficient.

Further advantages of the new method are that the handcoulombmeter can safe up to 500 measurements so the development of the charge is easy

to be followed up and the process of production can optimal and without a lot of risk be controlled. Moreover there is no deepened expert knowledge of electrostatic necessary. Once it is purchased it can be used secure and arbitrarily by right trained employees which is not only an advantage in the productions flow but also good for the employees.

The price: Appreciation for innovation

A new development with high efficiency, valued with the federal land innovation prize. It has been named after the former minister of economics Dr. Rudolf Eberle and has been assigned the 25th time. It is a prize for the development of innovative products and technological services. The participants are companies of Baden-Württemberg with less than 500 employees and less than 100 Million Euros turnover per year. Responsible for this awarding is a jury of 10 experts from science and industry.

A price of the ministry as motor for innovation. Obviously a concept that works. The minister of economic forwarded with his announcement of the winners that the high number of applicants and the high quality of the presented proposals shows that Baden-Württemberg has great potential in regards to Innovations.

The company: Electrostatic as a family assignment

One of these innovative medium sized businesses with great ideas which defy the economic crises is the SCHNIER Elektrostatik GmbH from Reutlingen. A family operated, medium sized business which has been awarded the 2nd time with the innovation price after 2004. The CEO Mr. Olav Schnier, son of the company's founder says that this price is of great honour for them and it confirms to follow up the way of the company after the alternation of generation. Furthermore he says that this Award is stimulation and commitment to search for further new solution in regards to electrostatic.

The company which was founded in 1977 is ISO certified since 2001 and does research and development in the sector of application oriented electrostatic. Nowadays Schnier is one of the innovation leaders in this sector. They have employed ten workers in Reutlingen which are mainly engineers. Their customers are mainly of the surface treatment and chemical sector. Information about the swabian technology company and their products can be found online at www.schnier-elektrostatik.de

FiberLok wins a record of 10 Golden Image Awards in international SGIA competition! Awards for flocked Lextra entries were as follows, with special note to the broad range of applications for flocking:

- Category 15: Heat Transfers – Textile Products
 - Lextra 4-D: Bronze
 - Lextra 3-D: Silver
- Category 18: Decals/Pressure Sensitive
 - Promotional Sticker: Gold
- Category 36: Heat Transfers - Non-Textile Products
 - Consumer Products: Gold
 - LextraMax Rigid Mouse Pad: Bronze
 - Computer Mouse Pad (MouseRug): Silver
- Category 37: Unique Applications
 - Laptop Wrist Pad (WristRug): Silver
- Category 39: Flocked Products
 - Lextra Transfer: Gold
 - Lextra 3-D Heat Transfer: Silver
 - Lextra 4-D Automotive Market Image: Bronze

www.fiberlok.com



TV TecStyle Visions maintains its high standard

More than 7.000 specialist visitors ensure for satisfied exhibitors at the most important industry meeting point for textile finishing and clothing decoration in Europe.

Satisfied exhibitors at TV TecStyle 2010, the international trade fair for textile printing, embroidery, transfer and flocking, which took place from 4 to 6 of February 2010 in Stuttgart. 180 exhibitors, 22 percent more than the previous event two years ago, came away extremely satisfied with the level of interest shown in their products and machines by the visitors. Visitors whose numbers have jumped 19 percent since the move to the new trade fair grounds two years ago to reach over 7.000. Figures which ensure that the high standard of the TV trade fairs is maintained and one again emphasise the trade fair's role as European most important industry meeting point for textile finishing and clothing decoration.

Embroidery attracted the most interest at the trade fair, followed by textiles and fabrics, transfer printing, digital transfer printing, textile screen printing, flocking and finally, the (multiple) exhibitor services. There was great interest shown not only in what the exhibitors had to offer but also the comprehensive framework programme. More than every fifth visitor attended the Flock Application Area, as well as the fashion shows showcasing the latest trends from textile suppliers, the Golden Shirt Award special show and the TecStyle Inkjet Area. The TV specialist forum saw plenty of registrations taken at the

trade fair itself and was a real winner among the crowds. 96 percent of visitors were also very pleased with the information and contact services available at the stands. 93 percent admit that they would recommend the trade fair to others and 97 percent intend to visit the trade fair again in two years' time.

The next TV TecStyle Visions will be taking place from 9 to 11 February 2010 in Hall 1 of the Stuttgart Trade Fair Centre.

Further information can be found at www.tecstyle-vision.com



Flock Application Area

TV TecStyle Visions Golden Shirt Award Mix it in Red

Seven different decoration techniques have been used by Benjamin Ungerand Andreas Wahl of Zego Promotion in their T-Shirt for the competition. They have been mixed brilliantly and technically for which they received the Golden Shirt Award 2010. Further awardees were Detlef Schimmel, Barbara Stümer and the students Danny Santo and David Schleider.

The Highlight of the TV-Trade Fair 2010 was the Golden Shirt Award which has been awarded by the trade magazine TVP for the 3rd time. With this award the best decoration techniques on clothes or textile advertisement

material are awarded and with it the textile refiner scene is promoted.

The aim of the TVP is to wake the interest of other techniques at printers, flockers, embroiderers and refiners. Furthermore it shall stimulate the creativity. Everyone who had a look at the special show of the Golden Shirt Award in Hall 1 at the TV TecStyle Visions was able to see many great ideas how textile can be decorated versatile and creative.

Special award for best flocking.

The award for the best flocked piece is already a tradition which is sponsored with 500 Euros by Maag Flockmaschinen GmbH in Gomaringen. Edvard Crnic, the CEO of Maag Flockmaschinen, handed this years Award over to Danny Santo and David Schleider which are students for textile technique. The employees of the student's company prisma SGmbH from Plauen did their work within a project called „Die Zukunft in der Tasche“ (having the future in a bag). A bag which was embroidered printed and flocked of course. The flocking convinced the Jury in regards to creativity and the technical realisation.



Award ceremony of the Flock Award, Mr. Roller Abfalg of the TVP trade magazin, Presenter, Gewinner Danny Santo and David Schleider and Edvard Crnic of Maag Flockmaschinen.



Golden Shirt Award Labyrinth

...this FLOCK-News could contain an ad from you?

This unique newsletter for the flocking industry is delivered to over 700 recipients at the moment. Apart from the members of the association of flock industry Europe (reg.), there are also recipients who have requested the Newsletter on our homepage www.flock.de. Based on the concept to generate the FLOCK-News as a digital medium, it is also largely distributed within the companies subscribed to it and also on internet pages which make these FLOCK-News available to their visitors as well.

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Flock as a piece of Art

My name is Irina Pryval and I study art and sculpting in the third semester at the Akademie der Bildenden Künste in Nuremberg.



By visiting a „do-it-yourself“ shop in Dessau in spring 2009 found a cup and mat with a unique velvety surface but free from a seam. Right at this moment I realised that this material would be perfect for my ideas. Back at home I investigated about it and found out that it can only be flock. My long journey to flocked sculptures began. After several phone calls and emails I found the Flock Association and with its supports Koschaum GmbH in Abenberg. The CEO Mr. Hans-Joachim Stieber introduced me to the inimitable world of flocking as well as its process. In the company own laboratory I was allowed to watch his employees and to help at the first attempts to flock my Labrador sculpture. The yearly exhibition at the AdBK in Nuremberg was soon and the items to display needed to be ready quick. The workers even did some extra shifts to work on the weak points and to help me in realising my project for what I am really grateful.

The material and its multiplicity inspired me very much and further sculptures for an exhibition in Bamberg were produced. When I see flocked products now, I always need to think about my great experiences with flock and have also new ideas for the use of flock in art.



Many thanks to all who supported and helped me in realising in this project.

Iryna

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