



ebm-papst wins "Gold Award" of the MATERIALICA Design + Technology Award 2011

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According to the tradition, the "MATERIALICA Design + Technology Award" was again bestowed this year to innovators of the materials and technology scene. The festive awards ceremony was held in the presence of over 150 guests on the first evening of the Materialica trade fair in Munich. From nearly 150 submissions, the expert jury selected 38 winners in the categories of "Materials", "Surface & Technology", "Product", "CO₂ Efficiency" and "Student". Due to the high number of entries and the amazing quality of submissions, a staggered scoring system was used for the first time in the nine-year history of the award. The group of jurors, who were thoroughly convinced by the quality of the submissions, evaluated the candidates by strictly applying criteria set forth in a matrix. Innovative strength, design quality, technological considerations, processing, materials selection, eco-friendliness, function, utility value, safety, brand value/branding and (for concept submissions in the Student Award) ability to be implemented are the central criteria here. In all of the listed categories, the "Best of Award", the "Gold Award" and "Silver Award" was presented.

ebm-papst made it into the ranks of the Gold Award winners in the "Materials" category with its energy saving fans made of biomaterials. For these fans, the wall ring consists of "epylene," a wood/plastic composite material. With the targeted use of sustainable and resource-conserving biomaterials, these fans make it possible to prevent considerable CO₂ emissions during manufacturing, in addition to their already high energy savings in applications such as refrigerated cases.

Image: First fan with a wall ring made of a biomaterial.

About the fans made of biomaterials:

ebm-papst was the first to develop fans made of biomaterials. In this process, an increased amount of renewable resources were used to manufacture durable and high-quality products. In further processing and on the end product, the materials must fulfil a wide variety of criteria, such as high temperature-resistance and very low shrinkage and warping. For later use, mechanical strength, temperature and media resistance are relevant. Using these materials in a way that conserves resources makes it possible to prevent substantial amounts of CO₂ emissions even during manufacturing.

**About ebm-papst**

The ebm-papst Group is the world's leading manufacturer of fans and motors and is a pacesetter for the ultra-efficient EC technology.

In the last fiscal year 10/11, the company generated turnover of over 1.3 billion EUR.

ebm-papst employs over 11,000 people at 17 production sites

(including Germany, China and the USA) and 57 sales offices worldwide. Fans and motors of the global market leader are represented in many industries, including ventilation, air-conditioning and refrigeration technology, household appliances, heating engineering, in IT/telecommunications as well as applications in automotive and commercial vehicle engineering.

More information can be found at www.ebmpapst.com or is available from

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