



Pressrelease

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Hanover-based startup Papair receives first international patent for paper-based bubble wrap

Strategic milestone and basis for global licensing model achieved

Hanover, April 2025 - The startup Papair develops sustainable paper-based packaging solutions. It has now received the first international patent for its paper-based bubble wrap PapairWrap. The patent covers the manufacturing technology, the production process and the machine developed for it. The grant by the Australian Patent Office is an important step for the company and lays the foundation for the development of an international licensing model. The European patent is in the final stages of being granted later this year.

Since its foundation five years ago, Papair has been pursuing the goal of replacing plastic packaging with a completely paper-based and recyclable alternative. The products are plastic-free, recyclable, resource-saving and suitable for a wide range of applications - from e-commerce to industrial packaging.

"This patent is a decisive milestone for us. It not only confirms the innovative strength of our solution but also enables our technology to be used for local production worldwide," explains Christopher Feist, CEO and co-founder of Papair. "Especially with regard to supply chains, sustainability requirements and legal frameworks, this creates advantages for partner companies and markets worldwide."

The granting of local manufacturing licenses is a central component of Papair's international business model. Decentralized production reduces CO₂ emissions from transport, lowers barriers to market entry and facilitates integration into existing local value chains. "With patent protection, we can now approach partners in international markets - and at the same time secure our technology in the long term," Feist continues. The first international patent grant is not only a technical success, but also a symbolic one:

"We started out with no background in the packaging industry, with the idea of rethinking packaging. The fact that we now hold an internationally recognized property right from Hanover shows how much substance there is in our development - and what contribution we can make to the transformation of the packaging industry in the long term," says Feist.



In addition to the well-known PapairWrap roll, the company now also sells pre-cut sheets (PapairSheet), padded bags (PapairBag) and padded cushions (PapairFill). Production takes place at the company's own site in Lower Saxony.

About Papair

Papair GmbH is an innovative start-up from Hanover that specializes in the development of technologies and the production of sustainable packaging solutions. Its core product, PapairWrap, is a paper bubble wrap that offers a safe, cost-efficient and environmentally friendly alternative to conventional plastic bubble wrap. Production takes place in Germany. With its patented technologies, the company aims to become a key player on the international market for sustainable packaging materials.

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