

PRESS RELEASE

Counting device for taking tablets

Faller presents the Smart Packaging prototype "Counting Device" which makes counting tablets easier

March 2018, Waldkirch, Germany. With the Smart Packaging prototype of a "counting folding carton", the August Faller Group has designed an innovative packaging solution to improve compliance and make handling the medicine easier for the patients. The intelligent, interactive pharmaceutical packaging is equipped with a small e-paper display and electronic controls (buttons). With the development of smarter packaging, this specialist for secondary packaging in the pharma/ pharmaceutical and healthcare industry meets the needs of increased digitalisation on the e-health market and the growing interest in interactive packaging solutions.

With the new packaging prototype "Counting Device", the patient confirms he/she has taken the tablet by pressing a button on the front of the folding carton. If the supply of tablets starts to get low, the e-paper display shows a warning in good time and reminds you to order a prescription. This ensures continual medication

The tiny microcontroller (storage medium-on-chip) of the innovative folding carton is supplied via a battery integrated in the packaging. The flat structure of the electronics was a central requirement for easy integration in a pharmaceutical package. Faller solves this with a printed circuit board mounted on the back and an e-paper display integrated into the folding carton construction on the front.

With Smart Packaging solutions, pharmaceutical manufacturers can offer patients pharmaceuticals with true added value; on the one hand they provide comprehensive and customised information and on the other, they increase security and make taking medication more comfortable. The

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intelligent pharmaceutical packaging "Counting Device" is one of three newly developed Smart Packaging prototypes that have been developed in collaboration with MSC Technologies from Freiburg and Pforzheim College. As well as the counting folding carton, these include the prototype of a "Level Indicator", an intelligent packaging solution that calculates how much liquid remains in a bottle with fluid medication as well as the prototype "Medical Prescription" that not only counts the tablets and reminds the patients to take them promptly, but can also send the prescription via Bluetooth to the packaging, using a specially developed app.

The Smart Packaging ideas give an indication of what is possible. Naturally Faller is also developing individual solutions together with its clients that are exactly customised to concrete applications.

Length of text: approx. 2.633 characters (with blank spaces) / approx. 285 words

Further information available at: www.august-faller.com

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Image overview:

Photo: August Faller GmbH & Co.KG

(You can obtain the photos in print-quality as a separate file or via an e-mail request to:
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Smart Packaging prototype "Counting Device" – innovative pharmaceutical packaging with counting and reminder function

About August Faller Group:

The August Faller Group is one of the leading manufacturers and solution provider of secondary pharmaceutical packaging such as folding cartons, leaflets, labels and combination products. For already 25 years, August Faller has continuously expanded its expertise in the pharmaceutical market. On this basis, innovation and development are consistently focused on customer-specific solutions and patient-friendly products.

The company is one of the first manufacturers to provide product development tailored to the individual customer as a separate service. In terms of pharmaceutical and health care packaging, Faller offers solutions such as serialisation, supply chain management and packaging services.



The services of the subsidiary August Faller Artwork Solutions GmbH are available to customers for artwork management, printing consulting and coordination.

The company group operates in an economical and ecologically sustainable manner and August Faller GmbH & Co.KG has been FSC®- certified since 2011. August Faller GmbH & Co.KG was founded in 1882. At its headquarters in Waldkirch, Germany, and at its other German sites in Binzen, Großbeeren and Schopfheim, as well as in Hvidovre, Denmark, and Łódź, Poland, the company currently has around 1,150 employees.

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