

Title (en)

Device and method for rapid production of a three-dimensional packaging product

Title (de)

Vorrichtung und Verfahren zum schnellen Fertigen eines dreidimensionalen Verpackungserzeugnisses

Title (fr)

Dispositif et procédé de fabrication rapide d'un élément d'emballage tridimensionnel

Publication

EP 2711167 B1 20160413 (DE)

Application

EP 13004663 A 20130925

Priority

DE 102012018867 A 20120925

Abstract (en)

[origin: EP2711167A1] The device has a preform station transforming a paper web into a three-dimensional packaging product with a crush cavity that extends in a web direction. A separation station separates a paper web portion to desired length of the product from the preformed paper web. The separation station comprises a rotation cutter (173) whose cutting edge (175) lies transverse to a conveying direction (F) in which the paper web portion exits the preform station. A circulation path of the cutting edge is arranged such that the cutting edge crosses a circulation path of the paper web portion during rotation. An independent claim is also included for a method for manufacturing a three-dimensional packaging product.

IPC 8 full level

B31D 5/00 (2006.01)

CPC (source: EP US)

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Cited by

DE102021125142A1; DE102021125083A1; DE102021125147A1; WO2018166918A2; US11548256B2; DE102021125090A1; DE102021125092A1; DE102021125103A1; WO2023052439A3; DE102017115918A1; WO2019012053A1; EP4289612A2

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