

Title (en)
CUTTING DEVICE AND CUTTING METHOD FOR PRINTED PRODUCTS

Title (de)
SCHNEIDEINRICHTUNG UND SCHNEIDVERFAHREN FÜR DRUCKPRODUKTE

Title (fr)
DISPOSITIF DE COUPE ET PROCÉDÉ DE COUPE POUR PRODUITS IMPRIMÉS

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Application
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Abstract (en)
[origin: WO2008151450A1] The invention relates to a cutting device for cutting continuously conveyed printed products (5). The cutting device has multiple conveying elements (3) which run around a closed path for conveying at least one single printed product (5) or printed product groups (5'). The printed products (5, 5') are moved along their conveyance path past at least one cutting station (10). In each cutting station, at least one edge of the printed product (5) is cut by knife blades (11, 12) and counter blades (13, 14) in a shear cut. For this shear cut, according to the invention, multiple self-sharpening blades (11, 12) come into cutting engagement with at least one counter blade (13, 14). Alternatively, multiple counter blades (13, 14) come into cutting engagement with at least one self-sharpening blade (11, 12). A significant improvement in edge retention and cutting quality is achieved by means of targeted blade kinematics, blade arrangement, product guidance, and blade geometry.

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