

Title (en)

Device for working lateral edges of sheet-like printing material

Title (de)

Vorrichtung zum Bearbeiten von Seitenkanten von blattförmigen Bedruckstoffen

Title (fr)

Dispositif pour l'usinage des bords latéraux d'un matériau à imprimer en forme de feuille

Publication

EP 1378373 B1 20080402 (DE)

Application

EP 03013340 A 20030616

Priority

DE 10230054 A 20020704

Abstract (en)

[origin: EP1378373A1] Device for processing in one cutting plane (9) the side edges (3) of a stack of sheets of printed material (1) moved in one processing direction (5) comprises a rotating tool head (20) with a fixed axis of rotation (12). Circular notch elements (36) for roughening the side edges are arranged on the tool head. Cutting elements (32) for trimming the edges are arranged around the notch elements. The axis of rotation forms an acute angle (alpha) relative to the vertical (7) on the cutting plane so that the cutting elements are in contact with the side edges only on one side of the tool head. Preferred Features: The angle is adjusted so that the notch elements are dipped twice into the cutting plane and the cutting elements are dipped only once.

IPC 8 full level

B42C 5/04 (2006.01)

CPC (source: EP)

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Cited by

ITUA20161988A1; EP1849619A3; DE102011105033A1; EP2537614A3; WO2017163206A1; US10744809B2; JP2013000881A

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