

Title (en)

Monitoring printing and cutting quality in a production plant for making packages.

Title (de)

Überwachung der Druckqualität und der Schneidqualität in einer Produktionsanlage zur Herstellung von Verpackungen.

Title (fr)

Contrôle de qualité de l'impression et du découpage dans une installation de production d'emballages.

Publication

EP 0452769 B1 19950712 (FR)

Application

EP 91105523 A 19910408

Priority

CH 130190 A 19900418

Abstract (en)

[origin: EP0452769A1] During the manufacture of packages, printed sheets (F) are transported, by clamp bars (6) through a cutting-out station (2) of a machine. In a part of the machine located before the front waste (Df) ejection (8), a "CAMERA FLASH" unit (10) produces an image of a front waste Df zone where printing registration marks and at least a part of its cut-out are located. Then, image processing and comparison of a real image with a reference image allow the quality monitoring of the package, in particular with regard to the colour registration and the position of the printing with respect to the cutting-out. <IMAGE>

IPC 1-7

B26D 5/34; **B41F 33/00**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2722180A1; DE102012109949A1; DE102004014498A1; CN112895749A; EP0687997A3; EP0810092A1; EP0453974A3; KR20190140972A; WO2018192684A1; EP3077307B1

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