

Title (en)

Device for separating useful units of a printed sheet

Title (de)

Vorrichtung zum Vereinzeln von Nutzen eines bedruckten Bogens

Title (fr)

Dispositif permettant la séparation individuelle de flans d'une feuille imprimée

Publication

EP 1447364 A3 20040825 (DE)

Application

EP 04101722 A 20011112

Priority

- DE 10062817 A 20001215
- EP 01270481 A 20011112

Abstract (en)

[origin: WO0248014A1] A device for separating the useful units of a printed sheet and for cutting out faulty useful units comprises a first cutting device (6, 7, 8) for cutting the sheet, which is printed with a number of useful units, into a plurality of longitudinal strips, each comprising several useful units, a quality control device (2, 3, 4) for detecting faulty useful units and a second cutting device for cutting the strips into individual useful units. A filtering device (26, 27, 28) is provided between the two cutting devices for filtering out the strips with at least one faulty unit. Faultless strips can be introduced to replace the strips that are removed, at the point where they are removed, using an introduction device (29, 31, 32, 33, 34), which simplifies the subsequent processing of the strips.

IPC 1-7

B65H 29/62

IPC 8 full level

B41F 13/56 (2006.01); **B65H 29/62** (2006.01); **B65H 31/24** (2006.01); **B65H 35/02** (2006.01); **B65H 35/04** (2006.01); **B65H 43/04** (2006.01)

CPC (source: EP US)

B41F 13/56 (2013.01 - EP US); **B65H 29/62** (2013.01 - EP US); **B65H 31/24** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65H 2301/351** (2013.01 - EP US); **B65H 2301/4314** (2013.01 - EP US); **B65H 2404/1321** (2013.01 - EP US); **B65H 2406/33** (2013.01 - EP US); **B65H 2406/345** (2013.01 - EP US); **B65H 2601/123** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0286317 A1 19881012 - KOMORI CURRENCY TECHNOLOGY UK [GB]
- [DA] EP 0248307 A1 19871209 - DE LA RUE GIORI SA [CH]
- [A] FR 721489 A 19320303 - ZUM BRUDERHAUS MASCHF

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