

Title (en)
DEVICE FOR TRIMMING AND AUTOMATIC CUTTING OF IMAGES ON PAPER AND OTHER GRAPHIC AND PHOTOGRAPHIC SUBSTRATES,
IN PARTICULAR OF LARGE SIZE

Title (de)
VORRICHTUNG ZUM TRIMMEN UND ZUM AUTOMATISCHEN BESCHNEIDEN VON BILDERN AUS PAPIER UND ANDEREN GRAPHISCHEN
UND PHOTOGRAPHISCHEN SUBSTRATEN, INSBESONDERE MIT GROSSER GRÖSSE

Title (fr)
DISPOSITIF DE ROGNAGE ET DE DECOUPAGE AUTOMATIQUES D'IMAGES SUR PAPIER ET AUTRES SUBSTRATS GRAPHIQUES ET
PHOTOGRAPHIQUES, EN PARTICULIER DE GRAND FORMAT

Publication
EP 1268143 A1 20030102 (EN)

Application
EP 01919748 A 20010315

Priority
• IT 0100131 W 20010315
• IT MI20000740 A 20000406

Abstract (en)
[origin: WO0176833A1] A device for trimming and automatically cutting of either multiple or single images is described produced for example through digital rendering on paper and other graphic and photographic substrates, wound in reel or being in single sheets (10), especially of large size. The problems met in using known devices of this type with feeding rollers (2) with a length corresponding to the substrate width have the consequence of a slowing down of the production owing to the excessive care to be taken when introducing at the same time parallel sheets of large size. These problems can be overcome by using rollers of reduced length, but only by adding errors in the forward movement of the substrate, errors which are remedied by means of optical sensors (4, 4') for detecting the separation mark (M) between the images (10a, 10b,) as well as its angle with respect to the cutting line (7), and by a pair of length differences measuring devices (6).

IPC 1-7
B26D 7/26; B65H 20/02

IPC 8 full level
B26D 5/32 (2006.01); **B26D 5/34** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP)
B26D 5/32 (2013.01); **B26D 5/34** (2013.01); **B26D 7/2628** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0176833 A1 20011018; AT E255985 T1 20031215; AU 4680601 A 20011023; DE 60101465 D1 20040122; DE 60101465 T2 20041021;
EP 1268143 A1 20030102; EP 1268143 B1 20031210; IT 1317179 B1 20030527; IT MI20000740 A0 20000406; IT MI20000740 A1 20011006

DOCDB simple family (application)
IT 0100131 W 20010315; AT 01919748 T 20010315; AU 4680601 A 20010315; DE 60101465 T 20010315; EP 01919748 A 20010315;
IT MI20000740 A 20000406