

Title (en)

Knife system for a paper or film cutter with a light beam to indicate position to set up blades

Title (de)

Schneidemesseranordnung an einer Konfektionierungsmaschine für Papier- und Folienbahnen mit lichtemittierendes Element zur Erzeugung von Markierungen, die die gewünschte Messerposition zeigen

Title (fr)

Système de couteaux pour papier ou plastique avec un rayon lumineux pour indiquer la position à placer un couteau

Publication

EP 1647377 A1 20060419 (DE)

Application

EP 04024765 A 20041018

Priority

EP 04024765 A 20041018

Abstract (en)

The sheets (20) to be cut along both sides (12, 13) are guided through a holding arrangement of two transversally positioned round aluminum bars (1, 2). Both bars (1, 2) are fitted with complementary upper and lower blades (3, 4). A krypton laser head (7) is located at an appropriate distance in order to emit a laser beam (9) in the shape of a red line (19) visible on the sheet (20). The blades (3, 4) can be adjusted by using the line (19) as a reference element.

IPC 8 full level

B26D 7/26 (2006.01); **B26D 1/24** (2006.01)

CPC (source: EP)

B26D 5/02 (2013.01); **B26D 1/245** (2013.01); **B26D 7/2635** (2013.01)

Citation (search report)

- [X] US 4163185 A 19790731 - TOKUNO MASATERU [JP]
- [A] EP 1207026 A2 20020522 - HEIDELBERGER DRUCKMASCH AG [DE]

Cited by

CN104552430A; EP2353823A1; US2014240696A1; US9138905B2; EP2769813A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1647377 A1 20060419; **EP 1647377 B1 20070221**; AT E354459 T1 20070315; DE 502004002975 D1 20070405

DOCDB simple family (application)

EP 04024765 A 20041018; AT 04024765 T 20041018; DE 502004002975 T 20041018