

Title (en)

Arrangement to prevent undesired contact between the impression transfer material and the paper in a chain printer.

Title (de)

Anordnung für Typenbanddrucker zum Verhindern ungewünschter Berührung zwischen dem Abdruckmaterial und dem Papier.

Title (fr)

Dispositif pour éviter tout contact indésirable entre le matériau de transfert d'impression et le papier dans des imprimantes à chaîne.

Publication

EP 0064143 A2 19821110 (DE)

Application

EP 82101863 A 19820309

Priority

DE 3116137 A 19810423

Abstract (en)

1. Printing unit with rotating continuous type band (1) guided via a platen (10) with a substantially planar surface, with print hammers (11) and paper (13) guided in the gap between the print hammers and the rotating types (2) and with a line-parallel ribbon (15), with a separator plate (21) being provided in the plane between the paper (13) and the ribbon (15), characterized in that the separator plate (21) is of elastic design, is mounted in the area of the platen (10) in the immediate vicinity to the type band (1), extends with its upper edge (23a) in the immediate vicinity of, and in parallel to the print line, and with reference to the plane between the paper (13) and the ribbon (15) is formed in such a manner that under the effect of its intrinsic elasticity it continuously exert on the paper (13) a force away from the ribbon (15).

Abstract (de)

Typenbanddrucker mit einer in der Ebene zwischen Papier (13) und Farbband (15) angeordneten elastischen Trennplatte (21) zur Separierung des Papiers (13) vom Farbband (15), insbesondere während der Zeit des Papier- bzw. Farbbandvorschubes. Die Trennplatte (21) ist unterhalb des Druckwiderlagers (10) befestigt, ihre obere Kante verläuft unmittelbar angrenzend an die Druckzeile, und sie drückt das Papier (13) vom Farbband (15) hinweg gegen die Hammerplatte (19).

IPC 1-7

B41J 31/12; B41J 1/20

IPC 8 full level

B41J 1/20 (2006.01); **B41J 11/62** (2006.01); **B41J 15/04** (2006.01); **B41J 31/12** (2006.01); **B41J 35/04** (2006.01); **B41J 35/06** (2006.01)

CPC (source: EP)

B41J 1/20 (2013.01); **B41J 31/12** (2013.01)

Cited by

US4616943A; GB2209501A; GB2209501B

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0064143 A2 19821110; EP 0064143 A3 19830810; EP 0064143 B1 19860910; DE 3116137 A1 19821111; DE 3273095 D1 19861016; JP H0136435 B2 19890731; JP S57178883 A 19821104

DOCDB simple family (application)

EP 82101863 A 19820309; DE 3116137 A 19810423; DE 3273095 T 19820309; JP 2468582 A 19820219