Title (en)
Dot matrix printer for passbooks, receipts or the like

Title (de)
Nadeldrucker für Sparbücher, Quittungen oder dergleichen

Title (fr)
Imprimante par points pour carnets de banque, reçus et similaires

Publication
EP 2522520 A1 20121114 (EN)

Application
EP 11165221 A 20110509

Priority
EP 11165221 A 20110509

Abstract (en)
A dot matrix printer (10) comprises a printing unit (14) including a print head (16) and an elongated counter-pressure element (20) between which a printing material can be guided along a transport plane, and at least one biasing element (18) on which the counter-pressure element (20) is mounted and biased against the print head (16). Both end regions (38, 40) of the elongated counter-pressure element (20) are each coupled via a conversion mechanism (34, 36) to a stationary, torsion-proof compensating bar (32) that is rotatably mounted about its longitudinal axis. A displacing movement of one of the two end regions (38, 40) of the counter-pressure element (20) directed transversely to the transport plane is converted via the associated conversion mechanism (34, 36) into a rotary motion of the compensating bar (32). This rotary motion of the compensating bar (32) is converted via the respective other conversion mechanism (36, 34) into a compensation movement of the other end region (40, 38) of the counter-pressure element (20), which compensation movement has the same direction as the mentioned displacing movement.

IPC 8 full level
B41J 11/20 (2006.01)

CPC (source: EP)
B41J 11/20 (2013.01)

Citation (search report)
- [X] JP S58203072 A 19831126 - NIPPON ELECTRIC CO
- [A] DE 29916847 U1 20000302 - SIEMENS NIXDORF BANKING SYST [DE]
- [A] DE 19840997 A1 20000309 - SIEMENS NIXDORF INF SYST [DE]
- [A] US 2007195154 A1 20070823 - NISHITANI HITOSHI [JP]
- [A] US 2007071532 A1 20070329 - HO HUI-CHUN [TW]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2522520 A1 20121114; **EP 2522520 B1 20131106**; CN 103702837 A 20140402; CN 103702837 B 20160302; WO 2012152562 A1 20121115

DOCDB simple family (application)
EP 11165221 A 20110509; CN 201280022295 A 20120419; EP 2012057194 W 20120419