

Title (en)

Reciprocable imprinting apparatus.

Title (de)

Hin- und herbewegbare Stempelvorrichtung.

Title (fr)

Machine à tamponner à mouvement alternatif.

Publication

EP 0050980 A1 19820505 (EN)

Application

EP 81305034 A 19811026

Priority

- US 20091380 A 19801027
- US 28544481 A 19810721

Abstract (en)

An article marking apparatus of the reciprocable impact type wherein an imprinting head is driven from a rest condition in sealed engagement with an inking cartridge through a ninety degree rotation to impact upon the surface of a passing article whereby to imprint indicia information thereon by means of printing type carried by said imprinting head. The imprinting head is pivotally coupled to a pneumatic drive device by a linkage. A guide is provided to define the path taken by the head. In one embodiment, the coupling includes a folding linkage and the guide includes a resilient bumper intercepted by a portion of the head in its travel along the path. A modified embodiment provides a guide in the form of a cam slot and follower arrangement. A cushioning member is provided to receive the impact of the imprinting head against the ink cartridge. A dished sealing plate also can be provided, along with a resilient gasket adhered to the imprinting head, whereby to achieve a seal between cartridge and imprinting head during the rest condition and to control the impact of the imprinting head upon the article during imprinting.

IPC 1-7

B41F 17/24

IPC 8 full level

B41F 17/24 (2006.01); **B65B 61/26** (2006.01)

CPC (source: EP)

B41F 17/24 (2013.01); **B65B 61/26** (2013.01)

Citation (search report)

- US 3877367 A 19750415 - NORWOOD EUGENE R
- DE 2302004 B2 19750116
- GB 1493638 A 19771130 - KORTHOFAH BV

Cited by

CN102381500A; US5515780A; EP0626269A3

Designated contracting state (EPC)

AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)

EP 0159413 A2 19851030; AR 228623 A1 19830330; AU 554632 B2 19860828; AU 7687381 A 19820506; BR 8106891 A 19820713; CA 1172101 A 19840807; EP 0050980 A1 19820505; ES 506618 A0 19820816; ES 8206284 A1 19820816; GB 2086307 A 19820512; GB 2086307 B 19851120; IL 64108 A0 19820131; MX 153640 A 19861209

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EP 84116172 A 19811026; AR 28721281 A 19811026; AU 7687381 A 19811027; BR 8106891 A 19811026; CA 388733 A 19811026; EP 81305034 A 19811026; ES 506618 A 19811027; GB 8132246 A 19811026; IL 6410881 A 19811026; MX 18980381 A 19811026