

Title (en)

DATA SYSTEM WITH SUPPORT SURFACES FOR RECIPROCATING DATA HEAD

Title (de)

DATENSYSYSTEM MIT UNTERSTÜTZUNGSOBERFLÄCHEN FÜR HIN- UND HERBEWEGENDEM DATENKOPF

Title (fr)

SYSTEME DE DONNEES PRESENTANT DES SURFACES D'APPUI D'UNE TETE DE LECTURE/ECRITURE DE DONNEES A MOUVEMENT ALTERNATIF

Publication

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Application

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Priority

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- US 10569698 A 19980626

Abstract (en)

[origin: WO0000003A1] A data system (1) includes a credit card type substrate (3) and a data unit (2). The substrate has first and second edges (28, 30) and a data surface region (26) between the edges. The data unit includes a base (4), a substrate support (60) mounted to the base for controlled movement along a first path (14), and a data head driver (6), also mounted to the base, including a data head which reciprocates along a second path (10) oriented perpendicular to the first path. The data head contacts the data surface region on the substrate and first and second data head support surfaces (120, 122) located at opposite ends of the second path adjacent to the first and second edges of the substrate. The data head support surfaces and the data surface region are coplanar. The data unit also includes a substrate feeder (16), which delivers the substrate to and removes the substrate from the substrate support, and a substrate positioner (68, 70, 82, 94, 98), which properly positions the substrate on and secures the substrate to the substrate support.

IPC 1-7

G06F 1/00; **G06K 7/08**

IPC 8 full level

G06K 7/08 (2006.01); **G06K 17/00** (2006.01); **G11B 21/02** (2006.01); **G11B 21/16** (2006.01); **G11B 25/04** (2006.01); **G11B 7/0033** (2006.01)

CPC (source: EP KR)

G11B 21/02 (2013.01 - EP); **G11B 21/10** (2013.01 - KR); **G11B 25/04** (2013.01 - EP KR); **G11B 7/0033** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 0000003A1

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