

Title (en)

IMPROVED SUBSTRATE FOR RIGID DISK STORAGE MEDIA AND METHOD AND APPARATUS FOR MAKING THE SAME.

Title (de)

SUBSTRAT FÜR FESTPLATTENSPEICHER SOWIE VERFAHREN UND VORRICHTUNG DAZU.

Title (fr)

SUBSTRAT AMELIORE POUR SUPPORT D'ENREGISTREMENT A DISQUE RIGIDE; PROCEDE ET APPAREIL DE FABRICATION D'UN TEL SUBSTRAT.

Publication

EP 0188523 A4 19870824 (EN)

Application

EP 85903528 A 19850619

Priority

US 62817784 A 19840706

Abstract (en)

[origin: WO8600741A1] A substrate including a disk (36) having a pair of opposed faces and being coined to provide a sub-micron flatness and smoothness for the disk faces. The coined disk can then be coated with a layer of storage material and used as a storage medium. Apparatus and a method for forming the coined substrate includes means for moving a plurality of disks along a predetermined path (56) after the disks have been formed by blanking or stamping. The disks are cleaned before being coined and then stacked into containers which can be closed for transit to a point of use. The coining of the disks and the placement of the disks in containers is done under clean room conditions and the resulting coined substrates are free of flaws and defects encountered with the practice of conventional substrate forming techniques.

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CPC (source: EP KR)

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Citation (search report)

- [Y] FR 1353896 A 19640228 - NCR CO
- [Y] GB 667826 A 19520305 - LINK BELT CO
- [A] DE 3102759 A1 19820422 - KOBE STEEL LTD [JP]
- [A] US 4374795 A 19830222 - KEILP JOHN P, et al
- See references of WO 8600741A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 8600741 A1 19860130; AU 4540485 A 19860210; CA 1254300 A 19890516; DK 100086 A 19860305; DK 100086 D0 19860305; EP 0188523 A1 19860730; EP 0188523 A4 19870824; JP S61502787 A 19861127; KR 860700307 A 19860801

DOCDB simple family (application)

US 8501182 W 19850619; AU 4540485 A 19850619; CA 486083 A 19850628; DK 100086 A 19860305; EP 85903528 A 19850619; JP 50289285 A 19850619; KR 860700137 A 19860306