

Title (en)

REMOVABLE CARTRIDGE DISK DRIVE WITH A 1.8 INCH FORM FACTOR

Title (de)

PLATTENANTRIEBSGERÄT MIT ABNEHMBARER KASSETTE MIT 1,8 ZOLL FORMFAKTOR

Title (fr)

UNITE DE DISQUE A CARTOUCHE AMOVIBLE AVEC FACTEUR DE FORME DE 1,8 POUCE

Publication

**EP 0722606 A4 19970226 (EN)**

Application

**EP 94922524 A 19940711**

Priority

- US 9407786 W 19940711
- US 9751193 A 19930723

Abstract (en)

[origin: GB2280300A] A hard disk drive for receiving a removable cartridge having a recess formed in an exterior surface thereof, and an engaging surface of disk assembly mounting mechanism located in that recession. The drive possesses a handle 70 having a lever which extends into the recess to contact the engaging surface of the disk assembly mounting mechanism, whereby further movement of the handle causes the mounting mechanism to move in such a manner that a disk assembly within the removable cartridge is positioned over a spindle motor of the drive for mounting thereto. Other features such as position sensors and enhanced cartridge positioning mechanisms are also provided. <IMAGE>

IPC 1-7

**G11B 17/04**; **G11B 17/022**

IPC 8 full level

**G11B 17/03** (2006.01); **G11B 17/04** (2006.01); **G11B 23/03** (2006.01); **G11B 25/04** (2006.01); **G11B 33/12** (2006.01)

CPC (source: EP KR)

**G11B 17/022** (2013.01 - KR); **G11B 17/041** (2013.01 - EP); **G11B 23/0318** (2013.01 - EP); **G11B 25/043** (2013.01 - EP)

Citation (search report)

- [PX] WO 9318507 A1 19930916 - SYQUEST TECHNOLOGY [US]
- [X] US 4532564 A 19850730 - LARSON BERT R [US], et al
- [X] WO 9005974 A1 19900531 - SYQUEST TECHNOLOGY [US]
- [A] US 5216558 A 19930601 - GRIFFITH DAVID [US], et al
- [A] US 5214550 A 19930525 - CHAN JOHN R [US]
- See references of WO 9503607A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**GB 2280300 A 19950125**; **GB 9414199 D0 19940831**; AU 7359794 A 19950220; CA 2167595 A1 19950202; EP 0722606 A1 19960724; EP 0722606 A4 19970226; FR 2708131 A1 19950127; JP H09500754 A 19970121; KR 960704316 A 19960831; WO 9503607 A1 19950202

DOCDB simple family (application)

**GB 9414199 A 19940714**; AU 7359794 A 19940711; CA 2167595 A 19940711; EP 94922524 A 19940711; FR 9409180 A 19940725; JP 50518595 A 19940711; KR 19960700316 A 19960122; US 9407786 W 19940711