

Title (en)
SUSPENSION WITH INTEGRATED CONDUCTOR HAVING CONTROLLED CAPACITANCE

Title (de)
AUFHÄNGUNG MIT INTEGRIERTER LEITUNG VON VARIABLER KAPAZITÄT

Title (fr)
SUSPENSION AVEC CONDUCTEUR INTEGRE A CAPACITE REGLABLE

Publication
EP 0900434 A1 19990310 (EN)

Application
EP 97918493 A 19970321

Priority
• US 9705346 W 19970321
• US 62143196 A 19960325

Abstract (en)
[origin: WO9736290A1] A suspension (10) having integrated conductors (16) for supporting and electrically interconnecting a read/write head (36) to electronic circuitry in a disk drive. The capacitance to ground of the conductors (16) is controlled by the selective placement of shaped voids (20) in the suspension (10) at regions adjacent to the conductor paths. Portions of the suspension (10) may be generally the complement of the conductor structure (16) shape.

IPC 1-7
G11B 5/48; G11B 21/16

IPC 8 full level
G11B 5/60 (2006.01); **G11B 5/012** (2006.01); **G11B 5/035** (2006.01); **G11B 5/48** (2006.01); **G11B 21/16** (2006.01); **G11B 25/04** (2006.01); **G11B 5/00** (2006.01)

CPC (source: EP KR)
G11B 5/012 (2013.01 - EP); **G11B 5/035** (2013.01 - EP); **G11B 5/4813** (2013.01 - KR); **G11B 5/4833** (2013.01 - KR); **G11B 5/4853** (2013.01 - KR); **G11B 5/486** (2013.01 - EP); **G11B 25/043** (2013.01 - EP); **G11B 2005/0013** (2013.01 - EP); **G11B 2220/2516** (2013.01 - KR)

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9736290 A1 19971002; AU 2658797 A 19971017; CA 2221966 A1 19971002; CN 1185855 A 19980624; EP 0900434 A1 19990310; EP 0900434 A4 19990310; JP H11507465 A 19990629; KR 19990021924 A 19990325

DOCDB simple family (application)
US 9705346 W 19970321; AU 2658797 A 19970321; CA 2221966 A 19970321; CN 97190246 A 19970321; EP 97918493 A 19970321; JP 53468197 A 19970321; KR 19970708399 A 19971124