

SWING-TYPE ACTUATOR

Abstract of the Disclosure

5 A swing-type actuator (10) includes a coil (20), at
least one arm (40) and a thermoplastic body (50) joining the
coil (20) and arm (40). The arm (40) is preferably a planar
stamping having an opening (43) to which the read/write head
is mounted. A body (50) is molded around portions of the arm
10 (40) and coil (20). A journal (52) is formed in the body (50)
for receiving a shaft and bearing on which the actuator (10)
pivots. A grounding pin (40B) extending through the arm (40)
prevents static charge build-up. Alternatively, a portion of
the arm (40) may extend into the journal (50) to contact the
15 a bearing. In another embodiment, the arm (140) includes a
plastic portion (70) and a metal mounting pad (80). The
plastic portion (70) may be formed of electrically conductive
material to prevent static charge buildup.

