This Sheet Has Been Replaced



ABSTRACT OF THE DISCLOSURE:

The magnetic head can conduct a stable CSS operation while seeking by using a disc drive having a magnetic head for writing/reading-out data from/to a magnetic disc, while flying the magnetic head at a predetermined flying height, which the magnetic disc comprising a contact start and stop (CSS) zone comprising a taking-off/landing region and a stopping region, for a contact start and stop operation of the magnetic head and a date zone for writing/reading-out data, wherein a plurality of projections are present in the CSS zone, the height of the projections in the taking-off/landing region decreases from inner to outer in a radial direction of the disc, an average gradient for the height of the projections in the taking-off/landing region is 1×10^{-6} to 5×10^{-5}, the maximum height of the projections in the CSS zone is higher than a flying height of a magnetic head in the data zone, and the minimum height of the projections in the CSS zone is lower than the flying height of the magnetic head in the data zone.