
This Sheet Has Been Replaced

DISK PLAYER-CHANGER

ABSTRACT

Briefly, a compact disk player/changer for compact disks (D) has an insertion aperture (1A) through which disks (D) are inserted. Inserted disks are supported, at opposite contact points on their edges, between laterally movable left and right-side disk guides. The disk's left side contacts a belt (14) revolved on the left-side disk guide. The disk's right side contacts a fixed wall on the right-side disk guide. The belt (14) slides along a rigid wall that prevents bowing from pressure exerted by the disk's edge. The left and right-side disk guides move laterally to accommodate the disk (D) as it is inserted. The spacing between the disk guides, once the disk is fully supported between the disk guides, is detected by a controller to determine which a disk (D) has been inserted. Eject/Load keys are provided, one for each of several storage positions within the changer.

Fig. 13.