

DISK TRANSFERRING DEVICE

ABSTRACT

A disk transport mechanism for a disk player employs a fixed disk guide (11) to support one edge of a disk (D) and a drive-side disk guide (9), with a revolving belt (14), to support and drive an opposite edge of the disk (D). The disk (D) is held between the fixed (11) and drive-side (9) disk guides to press the revolving belt (14) against the disk edge causing the disk (D) to roll along the fixed disk guide (11). The disk (D) is positioned by registering its position using an engaging flap near an insertion aperture (1A). Eject, playback, and storage positions are established by cumulating pulses from an encoder, connected to the belt drive, as the belt (14) moves from a registration position to the target position. The fixed (11) and drive-side (9) disk guides are movably supported on a chassis and urged together by a spring (127).

Fig. 13

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