

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 drive-side disk guide (9), with a revolving belt (14), to support and drive an opposite edge of the disk (D). The revolving belt (14) is supported at two points by pulleys (7, 15). The disk (D) is held between the fixed and drive-side disk guides (11, 9) to press the revolving belt (14) against the disk edge causing the disk (D) to roll along the fixed disk guide (11). The fixed and drive-side disk guides (11, 9) are movably supported on a chassis and urged together by a spring. When a disk (D) is transported to a playback position, the disk guides (11, 9) are separated to disengage the disk (D) by a rack and pinion mechanism. The rack and pinion mechanism employs a pinion gear coaxially connected to one of the pulleys (7, 15) supporting the revolving belt (14).

Fig. 13