Abstract

Turn-table for disc-shaped information carriers

1. The invention relates to a turn-table for disc-shaped information carriers and to the method for the manufacture thereof.

2.1. The object of the invention is the manufacture of a turn-table having very low run out and a high precision of centering.

2.2. In accordance with the invention, this object is achieved in that the turn-table is formed by an apertured disc (LS) that has a shoulder (S) and is arranged so as to be embedded internally in a moulded part (F) which accommodates a driving spindle (T) and which abuts up to the shoulder (S). A centering piece (Z) is preferably integrated in the moulded part (F) or is implemented as a special part. A low run out is achieved, especially in that a support surface (AF) of the turn-table for the information carrier is used as a reference surface in the injection moulding tool when manufacturing the moulded part (F), whereby chains of tolerances, which affect the precision disadvantageously, are avoided.

2.3. The usage relates to turn-tables for play back and/or recording apparatus for disc-shaped information carriers such as CD, CD-ROM, CD-Video or Photo-CD for example.

3. Fig. 1

This Sheet Has Been Replaced

