

ABSTRACT:

Loading mechanism for loading and unloading an information disc into/from an information-technology apparatus.

The invention relates to a loading mechanism for loading and unloading an information disc (2) into/from an information-technology apparatus, a first guide (12) and a second guide (16) each having a groove (13, 18) being provided for the disc edge (2a), the second guide comprising a rotationally drivable transport wheel (16) which rolls the
5 information disc (2) into and out of the apparatus for the purpose of loading and unloading.

In order to realize such a loading mechanism with minimal dimensions and in order to enable the information disc (2) to be loaded and unloaded without its surface being touched, the first guide (12) and the second guide (16) are supported so as to be movable, the groove (13) of the first guide and the groove (18) of the second guide each
10 have a pressure face (52, 53; 59, 60; 67, 68) which is inclined relative to the loading plane (25), the groove (13) of the first guide and the groove (18) of the second guide each have an inner surface (50, 57, 65) extending substantially perpendicularly to the loading plane (25), and the respective inner groove height (51, 58, 66) has been selected to be smaller than the
15 thickness (71) of the information disc (2), in such manner that during the loading process the outer edge 2d of the information disc (2) is not in contact with the inner surfaces (50, 57, 65) of the grooves (13; 18).

Fig. 7

This Sheet Has Been Replaced

