

Abstract:

The aim of a device for indexing magazine compartments of a magazine and wafer-shaped objects contained therein is to ensure precise access of the removing and charging device in any given predetermined plane of the magazine regardless of dimensional tolerances. According to the invention, an optoelectronic sensor having a transmitter (7) and receiver (8) emits a bundle (10) of measurement rays to detect the position of the wafer-shaped objects (13) as well as the position of the magazine compartments (12) relative to a reference plane (E-E) whose location is rigidly defined by design with respect to a first handling plane (H-H) for removing and charging. The magazine (11) is adjustable vertically in a measurable manner for removal and charging by means of a magazine seat (2) via a magazine lift. The invention is applicable in the manufacture of integrated circuits, in particular for handling wafer-shaped objects.

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