Abstract

Device and method for buffer-storing a multiplicity of wafer-type workpieces

The invention relates to a device for buffer-storing a multiplicity of wafer-type workpieces 17, comprising
- a frame 1,
- at least two transport elements 3 which circulate in a vertical direction around in each case an upper and a lower deflection device 5 connected to the frame and which are provided, at uniform intervals, with a multiplicity of bearing areas 4 for the horizontal mounting of workpieces 17, wherein at least one of the deflection devices 5 of each transport element 3 is driven and wherein a free space is situated between the transport elements 3,
- a loading position 33 between the upper deflection devices 5, in which position a respective workpiece 17 can be placed onto the corresponding bearing areas 4, and
- a stationary removal device below the loading position 33, comprising a horizontal transport device 7, 8, 9, the first end of which lies within the free space between the transport elements 3.

The invention also relates to a method for buffer-storing a multiplicity of wafer-type workpieces 17, which uses the abovementioned device.

Fig. 1