

Loading and Unloading Device for a Substrate Magazine, Substrate Magazine System**ABSTRACT**

The invention relates to a loading and unloading device (7) for a substrate magazine (2), wherein the substrate magazine (2) has several compartments (3), into which several substrates (4) can be inserted for storage or temporary storage, comprising at least one controllable conveyor belt (8),
5 onto which substrates (4) can be deposited, and comprising at least one controllable gripper arm (11), which is formed to insert substrates (4) from the conveyor belt (8) into a compartment (3) of the substrate magazine or to push them out of the compartment (3) onto the conveyor belt (8), wherein the conveyor belt (8) and the gripper arm (11) are arranged on a common and movably
10 mounted carrier (17). It is provided that the gripper arm (11) is arranged at least essentially below the conveyor belt (8) in order to grip a substrate (4) from below, and that a movable vacuum gripper (18), which is formed to grip a substrate (4) in the substrate magazine (2) or on the conveyor belt (8) from the top and to move it, is arranged above the conveyor belt (8).

(Figure 1)