

ABSTRACT

Handling device for storing and retrieving bottle-type individual items

A handling device for storing and retrieving bottle-type individual items in storage areas of an order picking device comprising: a gripping jaw arrangement (100, 200) having two gripping jaws (11a, 11b; 13a, 13b; 50a, 50b) that are in the form of profile bars, extend in a first horizontal direction and have opposing inner faces (12a, 12b; 14a, 14b; 51a, 51b), said first horizontal direction (X) corresponding to the direction for storing and retrieving individual items, wherein the gripping jaws (11a, 11b; 13a, 13b; 50a, 50b) are designed such that the distance between the inner faces (12a, 12b; 14a, 14b; 51a, 51b) at least partly tapers downwards, so that the inner faces (12a, 12b; 14a, 14b; 51a, 51b) are formed such that the bottle-type individual items can be lifted from below; and comprising a first drive unit (20, 21) coupled to the gripping jaw arrangement (100, 200) for moving the gripping jaw arrangement (100, 200) in the first horizontal direction (X).

(Figures 1A and 4)