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(54) Title: MULTI-LEVEL CONTAINER STORAGE SYSTEM AND HIGH-BAY CONTAINER STORAGE

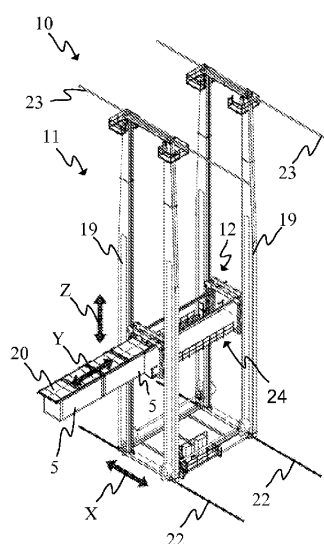


FIG. 5B

(57) Abstract: This document discloses a multi-level container storage system (100) comprising a storage module (30) comprising racks (15) for storing containers (5), and a high-bay container storage (200). At least two tracks (17, 17B) arranged in a first distance (DIS1) from each other in the vertical direction (Z). The system (100) comprises a container handling apparatus (10) capable of moving at least one container (5) in three directions. The container handling apparatus (20) comprises a stacker crane (11) comprising a carrier support (12) for a carrier device (20) of the container handling apparatus (10). The carrier device (20) comprises a handling mechanism (25) for gripping, lifting, lowering, and releasing at least one container (5) and is arranged to be moved out of and into the stacker crane (11), and into and out of the storage module (30), respectively, along one of the tracks (17, 17B) of a rack (15), wherein the handling mechanism (25) is arranged to move at least one container (5) at most the first distance (DIS1).

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