

Title (en)

Lifting device to improve the capacity of a transfer device for ISO containers

Title (de)

Hubeinrichtung zur Erhöhung der Leistung eines Umschlaggerätes für ISO-Container

Title (fr)

Dispositif de levage pour augmenter la capacité d'un appareil de transbordement pour conteneurs ISO

Publication

EP 1106564 B1 20040616 (DE)

Application

EP 00250373 A 20001109

Priority

DE 19958501 A 19991130

Abstract (en)

[origin: US2001002010A1] The invention relates to a lifting device for increasing the performance of a handling apparatus for ISO containers, in particular for increasing the performance of a container bridge in a terminal having automated inward and outward transport of the containers by means of self-propelled transport vehicles, and having at least one container load-lifting means in the form of a spreader and devices for the intermediate positioning of the containers within the handling apparatus for the purpose of fitting or removing the twist locks, and platforms for the personnel occupied in doing this. The intermediate positioning of the containers is carried out in a lifting device which can be positioned above the transport vehicles and comprises a shaft-like base frame with vertical guides for the container suspended on the spreader, and a lifting frame which engages around the container, is arranged such that it can be raised and lowered underneath the shaft-like base frame and which, after the container has been detached from the spreader, can be lowered with the container in the direction of the transport vehicle.

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B66C 19/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

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