

Title (en)

LIFTING OR DEPOSITING DEVICE FOR TRANSPORTABLE CONTAINERS, E.G. CABINS, CONTAINERS, SHELTERS OR THE LIKE

Publication

EP 0123022 B1 19861126 (DE)

Application

EP 84100895 A 19840128

Priority

DE 3305847 A 19830219

Abstract (en)

[origin: US4619439A] For the handling of portable large containers, lifting and depositing devices are used, which have rack and pinion jacks to be attached to the corners of the containers by brackets. There rack and pinion jacks have tubular winch shanks which are approximately the height of the containers, into which are guided tubular uprights with the racks. Because of tolerance variations, the danger here arises of an impaired guidance of the uprights with the result of a poor operation of the gearing. To avoid this difficulty, a guide tube is connected with the bottom end of each tubular winch shank. Guide surfaces in the guide tube can be produced with great precision and at low cost. The housing of the winch gearing is configured integral with the guide tube. Thus, a small amount of side play can be left between the upright and winch shank without adversely affecting the rack and pinion gearing operation.

IPC 1-7

B66F 3/02; B66F 9/00

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

US 4619439 A 19861028; CA 1225388 A 19870811; DE 3305847 A1 19840830; DE 3305847 C2 19850725; EP 0123022 A1 19841031; EP 0123022 B1 19861126; IL 70983 A0 19840531; IL 70983 A 19880831

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US 58120084 A 19840217; CA 447671 A 19840217; DE 3305847 A 19830219; EP 84100895 A 19840128; IL 7098384 A 19840216