

Title (en)

Equipment for a load-handling device for the deposit of a load in the opposite direction of its removal.

Title (de)

Einrichtung für Lasthandhabungsvorrichtung zum Versetzen einer von einer Seite zur gegenüberliegenden Seite einer Ladeplattform.

Title (fr)

Equipement pour appareil de manutention de charges permettant la sortie d'une charge du côté opposé à sa préhension.

Publication

EP 0247524 A1 19871202 (FR)

Application

EP 87107409 A 19870521

Priority

FR 8607474 A 19860526

Abstract (en)

1. Equipment for apparatus handling loads disposed on shelves on either side of a gangway, the equipment comprising a load-carrying tray (30) and a transfer device displacing a load (60) along the tray, said transfer device including two flexible mechanical connections (46) placed on either side of the tray (30), with each of the connections having catches (49, 50) disposed thereon, the equipment being characterized in that a portion of the tray (30) is brought beneath a load (60), said portion then being raised and returned to the gangway, the catches (49, 50) which are situated beneath the tray while the load is being grasped or delivered, urge the load from one end of the tray to the other when the load is to be delivered from the side opposite to that from which it was grasped.

IPC 1-7

B66F 9/14

IPC 8 full level

B66F 9/14 (2006.01)

CPC (source: EP)

B66F 9/141 (2013.01)

Citation (search report)

- [X] FR 1515727 A 19680301
- [A] FR 2520716 A1 19830805 - MANUTENTION STOCKAGE CIE [FR]
- [A] DE 1217874 B 19660526 - SIEBAU SIEGENER STAHLBAUTEN G
- [A] FR 2189281 A1 19740125 - WEBER REINOLD [DE]
- [A] DE 1272826 B 19680711 - DEMAG ZUG GMBH
- [A] DE 3106134 A1 19820916 - THEOBALD ADOLF
- [A] FR 2427292 A1 19791228 - LUCAS RENE [FR]
- [A] US 3664534 A 19720523 - HUNTER CALVIN W
- [A] US 4358239 A 19821109 - DECHANTSREITER MAX J
- [A] US 3708077 A 19730102 - RICHENS K, et al

Cited by

US5087164A; CN103641042A; DE4001300A1; US6997665B2; CN104909308A; US5118239A; US5409342A; DE102006036357B4; DE102006036357A1; EP2110340A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0247524 A1 19871202; EP 0247524 B1 19901017; DE 3765578 D1 19901122; ES 2018201 B3 19910401; FR 2599017 A1 19871127; FR 2599017 B1 19880902

DOCDB simple family (application)

EP 87107409 A 19870521; DE 3765578 T 19870521; ES 87107409 T 19870521; FR 8607474 A 19860526