

Title (en)

Modular forklift with variable gap, especially for handling with fork lift truck

Title (de)

Modularer Gabelstapler mit veränderlichem Abstand, insbesondere zur Handhabung mit Gabelhubwagen

Title (fr)

Gerbeur modulable à écartement variable notamment pour la manutention de châssis roulants

Publication

EP 0826624 A1 19980304 (FR)

Application

EP 97401978 A 19970825

Priority

FR 9610475 A 19960827

Abstract (en)

The pallet truck chassis is formed by two sub assemblies each constituted by a lower girder (8) with a vertical beam (1) fixed to its middle. The truck also has a transmission casing (4). The two sub assemblies are connected together by a single cross member (17) which is both adjustable in width and foldable. The vertical beam of each sub-assembly supports and guides a horizontal lifting rail (12). This rail is locked by a finger (14) to a fixed cubicle. Raising of each sub-assembly is independently achieved by a crank (3) and transmission parts housed in the transmission casing and the same beam. The cross member is connected onto the vertical faces of an S shaped piece which extends the girder behind the chassis. The locking finger is mounted at the end of a locking rod (24) and engages a return spring. The finger sliding and pivoting in the rail is controlled by a lever (18).

Abstract (fr)

Le châssis du gerbeur est formé de deux sous-ensembles constitués chacun d'un longeron inférieur (8), d'une poutre verticale (1) fixée sensiblement au milieu du longeron, et d'un carter de transmission (4). Les deux sous-ensembles sont reliés entre eux par une unique traverse de liaison (17) qui est réglable en largeur et repliable. La poutre verticale de chaque sous-ensemble sert de support et de guide à un rail horizontal de levage (12) verrouillable par un doigt (14) à une armoire fixe. La manoeuvre de levage de chaque sous-ensemble est assurée indépendamment par une manivelle (3) et des organes de transmission logés dans le carter et la poutre elle-même. Application à la manutention de châssis roulants. <IMAGE>

IPC 1-7

B66F 9/06

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] FR 2468543 A1 19810508 - LEBRE CHARLES [FR]
- [A] FR 2471944 A2 19810626 - LEBRE CHARLES [FR]
- [A] US 4551059 A 19851105 - PETOIA SALVATORE R [US]
- [A] FR 2610911 A1 19880819 - LONGLADE ROBERT [FR]

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CN109052211A; CN114455512A

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EP 0826624 A1 19980304; DE 826624 T1 19981022; FR 2752829 A1 19980306; FR 2752829 B1 19981106

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