

Title (en)

Lifting fork comprising a balancing device for transporting pallets with a crane

Title (de)

Hebegabel mit einer Ausgleichsvorrichtung zum Transport von Paletten mit einem Kran

Title (fr)

Fourche de levage avec un dispositif d'équilibrage pour transporter des palettes avec une grue

Publication

EP 1498383 A1 20050119 (EN)

Application

EP 04380149 A 20040716

Priority

ES 200301730 U 20030718

Abstract (en)

Lifting fork comprising a balancing device for transporting pallets with a crane, composed of two parallel arms (1) suitable for connection to the pallet and secured to vertical section (2) of a U-shaped profile structure, which converges upward with a triangular shape that receives an arm (3), connected to device, composed of two parallel arms (5) in symmetric T-shape (6) interconnected by an articulated transversal tilting axis (4) and transversal pin (7), joined the T-shape parts (6) by a stud (9) with a ring (8) on the pin (7) for fastening the crane hook, having the stud (9) grooved ends for attaching the hooking ends of springs (10) connected at other end to a stud (11), the spring (10) facilitating tilting movement of rods (5,6), the spring tautness (10) greater or less than the weight of the empty pallet or the loaded pallet, respectively. <IMAGE>

IPC 1-7

B66C 1/24

IPC 8 full level

B66C 1/24 (2006.01)

CPC (source: EP)

B66C 1/24 (2013.01)

Citation (search report)

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