

Title (en)

Facility for the manoeuvring of pallets in gantry cranes.

Title (de)

Einrichtung zum Manövrieren von Paletten in Portalkränen.

Title (fr)

Installation pour manoeuvrer des palettes dans des grues à portique.

Publication

**EP 0573380 A1 19931208 (EN)**

Application

**EP 93500072 A 19930526**

Priority

ES 9201144 A 19920603

Abstract (en)

The facility consists of a storage platform (4) provided in the rear part on the structure of the gantry crane (1), which allows complementary trays to be placed, allowing the palletization of pallets (2) for their later transfer in groups or individually, and a multidirectional conveyor (5) formed by two bridge girders (11) suspended from a trolley (12) capable of moving in two directions in a horizontal plane, the beams (11) having a tilting fork (6) with vertical travel responsible for unloading the pallets from the platform (4) and from the platform to trucks. <IMAGE>

IPC 1-7

**B66C 19/00**

IPC 8 full level

**B65G 1/04** (2006.01); **B65G 1/00** (2006.01); **B65G 63/00** (2006.01); **B65G 67/60** (2006.01); **B66C 19/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 3812987 A 19740528 - WATATANI M
- [Y] GB 696581 A 19530902 - DONALD MAYER KING
- [A] NL 9002480 A 19920601 - MULDUSTRIES B V
- [A] FR 2283852 A1 19760402 - STORK CONRAD BV [NL]
- [A] GB 1557640 A 19791212 - HITACHI LTD
- [A] EP 0194858 A1 19860917 - VIRGINIA INT TERMINALS [US]
- [A] GB 2029374 A 19800319 - HITACHI LTD
- [A] EP 0471411 A1 19920219 - DCG HOLDING AMSTERDAM [NL]

Cited by

US6068435A; ES2084542A2; CN103738745A; DE10033141A1; DE10033141B4; WO9801381A1; WO0146061A1

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