

Title (en)

Device for attaching a chain to an industrial truck

Title (de)

Vorrichtung zum Anschlagen einer Kette in einem Flurförderzeug

Title (fr)

Dispositif de butée d'une chaîne dans un chariot de manutention

Publication

EP 2174904 A3 20110309 (DE)

Application

EP 09010173 A 20090806

Priority

DE 102008051139 A 20081009

Abstract (en)

[origin: EP2174904A2] The system to secure the chain (10) in the lifting mechanism of a fork lift truck has a C-shaped holder (24) for the chain anchor (14) with a passage (26) on the longitudinal line of the chain. It has a narrowed section (34) between the ends. An opening is at one side of the passage, parallel to it, in a smaller width than the passage cross section and the narrowed section. The anchor has a head (20) at the lower end, with a larger lateral width than the narrowed section. A connecting section (16) is between the anchor head and the chain comb (12) with different cross sections. The anchor is inserted into the opening and then rotated by 90[deg] to lock it in place.

IPC 8 full level

B66F 9/08 (2006.01)

CPC (source: EP)

B66F 9/08 (2013.01)

Citation (search report)

- [A] JP H0958988 A 19970304 - SHINKO ELECTRIC CO LTD
- [A] JP S63157093 U 19881014
- [A] DE 19947824 A1 20010412 - STILL GMBH [DE]
- [A] JP 2004189354 A 20040708 - TOYOTA IND CORP
- [A] CN 2893303 Y 20070425 - GUO LANZHI [CN]

Cited by

US11465548B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2174904 A2 20100414; EP 2174904 A3 20110309; EP 2174904 B1 20120208; AT E544723 T1 20120215; CN 101717059 A 20100602; CN 101717059 B 20130501; DE 102008051139 A1 20100415

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