

Title (en)

Method for handling a semi-trailer and engaging means for carrying out this method

Title (de)

Verfahren zum Umschlagen eines Sattelanhängers sowie Anschlagmittel zur Durchführung des Verfahrens

Title (fr)

Procédé pour manipuler une semi-remorque et moyens de saisie pour la mise en oeuvre de ce procédé

Publication

EP 1582496 B1 20100414 (DE)

Application

EP 04021637 A 20040910

Priority

DE 102004016644 A 20040331

Abstract (en)

[origin: EP1582496A1] The method involves connecting a crane (46) to a semitrailer through separate lifting accessories. The semitrailer is struck by a hoisting cross beam (1) and two wheel gripper units (13). The cross beam is connected with a fifth wheel king pin of the semitrailer or support winches at the front area of the semitrailer. One of the gripper units is connected with a wheel that is arranged at left and right of an articulated lorry (45). An independent claim is also included for a handling system for executing a method of handling a semitrailer.

IPC 8 full level

B66C 1/20 (2006.01); **B61D 3/18** (2006.01); **B61D 47/00** (2006.01); **B66C 1/22** (2006.01)

CPC (source: EP)

B66C 1/20 (2013.01); **B66C 1/223** (2013.01)

Cited by

EP2902299A1; CN109545399A; FR2975386A1; CN104176081A; EP3473580A1; CN109665440A; AT520569A1; FR2965257A1; EE01591U1; LT7063B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1582496 A1 20051005; EP 1582496 B1 20100414; AT E464267 T1 20100415; DE 502004011032 D1 20100527; PL 1582496 T3 20101029; SI 1582496 T1 20100831

DOCDB simple family (application)

EP 04021637 A 20040910; AT 04021637 T 20040910; DE 502004011032 T 20040910; PL 04021637 T 20040910; SI 200431388 T 20040910