

Title (en)

STRADDLE CARRIER FOR USE IN CONTAINER TERMINALS AND FOR GENERAL TRANSPORT TASKS

Title (de)

PORTALHUBWAGEN ZUM EINSATZ IN CONTAINERTERMINALS UND FÜR ALLGEMEINE TRANSPORTAUFGABEN

Title (fr)

CHARIOT CAVALIER POUR UTILISATION DANS DES TERMINAUX À CONTENEURS ET POUR DES TACHES GÉNÉRALES DE TRANSPORT

Publication

EP 2490976 B1 20140730 (DE)

Application

EP 10763608 A 20100924

Priority

- DE 102009050584 A 20091024
- EP 2010005855 W 20100924

Abstract (en)

[origin: WO2011047768A1] The invention relates to a straddle carrier (1) for use in container terminals and for general transport tasks, comprising a frame (2), a load-receiving means (4), which hangs between the frame (2) and can be locked together with a load, preferably a container (7), travel supports (3), which are arranged at the lower area of the frame (2) and each comprise a plurality of wheels (11) arranged in a row, and a lifting unit (8), by means of which the load-receiving means (4) can be moved vertically and which comprises lifting winches and at least one drive unit, wherein a brake device is arranged between the lifting winches and the at least one drive unit. In order to allow standard components that can be produced in large quantities and that have high operational reliability to be used for the brake device, the brake device is designed as an air-cooled dry brake and sits on the fast side of a transmission arranged between the drive unit and the lifting winch.

IPC 8 full level

B66C 19/00 (2006.01); **B66D 1/14** (2006.01)

CPC (source: EP)

B66C 19/007 (2013.01); **B66D 1/14** (2013.01)

Designated contracting state (EPC)

AL 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

DOCDB simple family (publication)

DE 102009050584 A1 20110428; CN 102686504 A 20120919; CN 102686504 B 20150408; EP 2490976 A1 20120829; EP 2490976 B1 20140730; ES 2513418 T3 20141027; PL 2490976 T3 20150130; WO 2011047768 A1 20110428

DOCDB simple family (application)

DE 102009050584 A 20091024; CN 201080047966 A 20100924; EP 10763608 A 20100924; EP 2010005855 W 20100924; ES 10763608 T 20100924; PL 10763608 T 20100924