

Title (en)

METHOD AND DEVICE FOR POSITIONING TRAILER CARS

Title (de)

Verfahren und Vorrichtung zum Positionieren von Förderwagen.

Title (fr)

PROCEDE ET DISPOSITIF DE POSITIONNEMENT DE REMORQUES

Publication

EP 1429950 A1 20040623 (DE)

Application

EP 02797566 A 20020703

Priority

- DE 10143287 A 20010904
- EP 0207330 W 20020703

Abstract (en)

[origin: WO03020567A1] Known handling systems for freight cars, especially in switching yards, are disadvantageous in that despite the general good steerability the trailer car cannot be positioned exactly enough with respect to the wheel and axle sets of the freight cars to be handled. The aim of the invention is therefore to make it possible to exactly position the freight car, thereby facilitating a wear-reduced operation of the handling system while specifically utilizing the trailer car. To achieve this aim, the invention uses a system of wheel and axle set sensors (9) on the trailer car (1) which recognize both the speed-relevant approach to a wheel and axle set (8) and the optimum handling position. The information acquired by these sensors is used for the precise actuation of the drive of the trailer car.

IPC 1-7

B61J 3/06

IPC 8 full level

B61J 3/06 (2006.01)

CPC (source: EP)

B61J 3/06 (2013.01)

Citation (search report)

See references of WO 03020567A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03020567 A1 20030313; DE 10143287 A1 20030703; DE 10143287 B4 20050224; EP 1429950 A1 20040623; PL 200247 B1 20081231; PL 369619 A1 20050502

DOCDB simple family (application)

EP 0207330 W 20020703; DE 10143287 A 20010904; EP 02797566 A 20020703; PL 36961902 A 20020703