

Title (en)

SYSTEM COMPRISING A TUGGER TRAIN HAVING AT LEAST ONE TUGGER-TRAIN TRAILER AND AT LEAST ONE CART THAT CAN BE RECEIVED BY THE TUGGER-TRAIN TRAILER

Title (de)

SYSTEM UMFASSEND EINEN ROUTENZUG MIT MINDESTENS EINEN ROUTENZUGANHÄNGER UND MINDESTENS EINEN VON DEM ROUTENZUGANHÄNGER AUFNEHMBAREN WAGEN

Title (fr)

SYSTÈME COMPRENANT UN CHARIOT TRACTEUR DE MANUTENTION POURVU D'AU MOINS UNE REMORQUE DE CHARIOT TRACTEUR DE MANUTENTION ET D'AU MOINS UN CHARIOT POUVANT ÊTRE LOGÉ PAR LA REMORQUE DE CHARIOT TRACTEUR DE MANUTENTION

Publication

EP 3976448 A1 20220406 (DE)

Application

EP 20725458 A 20200506

Priority

- DE 102019114165 A 20190527
- EP 2020062550 W 20200506

Abstract (en)

[origin: WO2020239376A1] The invention relates to a system (1) comprising a tugger train (2), having a towing vehicle (4) and at least one tugger-train trailer (5), and at least one cart (3), in particular a trolley or container, which can be received by the tugger-train trailer (5) and has castors and/or fixed castors, wherein the tugger-train trailer (5) is provided with an assisting device (10) for automatically receiving the cart (3), wherein, in order to receive the cart (3) by means of the assisting device (10) of the tugger-train trailer (5), the tugger-train trailer (5) is in a defined receiving position relative to the cart (3) to be received. The cart (3) to be received is provided with a marking (M) which is arranged on an end face (25) of the cart (3) facing the tugger train (2) and extends along the end face (25) of the cart (3) facing the tugger train (2). The tugger train (2) is provided with at least one sensor device (30) that detects the marking (M). The sensor device (30) is operatively connected to a drive controller (60) of the tugger train (2) and the drive controller (60) is designed such that by means of the marking (M) of the cart (3) detected by the sensor device (30) of the tugger train (2), the tugger-train trailer (5) is stopped in the defined receiving position at the cart (3) to be received.

IPC 8 full level

B62D 53/00 (2006.01)

CPC (source: EP)

B62D 53/005 (2013.01)

Citation (search report)

See references of WO 2020239376A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020239376 A1 20201203; DE 102019114165 A1 20201203; EP 3976448 A1 20220406

DOCDB simple family (application)

EP 2020062550 W 20200506; DE 102019114165 A 20190527; EP 20725458 A 20200506