

Title (en)

Device and method for detecting the position of a wagon and the direction setting of the wagon in a train or a vehicle train

Title (de)

Anordnung und Verfahren zur Erkennung des Wagenstandes und der Einstellrichtung der Wagen in einem Zug oder Wagenverbund

Title (fr)

Dispositif et procédé pour détecter la position d'un wagon et le réglage de la direction du wagon dans un train ou dans un train de véhicules

Publication

EP 0814006 B1 20030326 (DE)

Application

EP 97109808 A 19970617

Priority

DE 19624777 A 19960621

Abstract (en)

[origin: EP0814006A1] The direction recognition method uses a local area network (LAN) and energy sensors (11,12,21,22,31,32) on either side of an energy converter (14,24,34) within each waggon (1,2,3), supplying measured values to a master processor (MR) via the local area network. The master processor is mounted onboard the drive locomotive (L) and uses the amplitudes or differences for the measured values provided by the sensors for each waggon for determining the waggon direction.

IPC 1-7

B61L 15/00

IPC 8 full level

B61L 15/00 (2006.01)

CPC (source: EP)

B61L 15/0036 (2013.01); **B61L 15/0072** (2013.01); **B61L 25/028** (2013.01)

Cited by

US8185264B2; WO2009081119A3

Designated contracting state (EPC)

AT BE CH DE DK FI FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0814006 A1 19971229; **EP 0814006 B1 20030326**; AT E235390 T1 20030415; DE 19624777 A1 19980102; DE 19624777 C2 19980514; DE 59709598 D1 20030430

DOCDB simple family (application)

EP 97109808 A 19970617; AT 97109808 T 19970617; DE 19624777 A 19960621; DE 59709598 T 19970617