

Title (en)
CONTROL SYSTEM FOR A ROAD TRAIN

Title (de)
STEUERUNGSSYSTEM FÜR EIN GESPANN

Title (fr)
SYSTEME DE COMMANDE POUR UN TRAIN ROUTIER

Publication
EP 1725920 A2 20061129 (DE)

Application
EP 05726239 A 20050222

Priority
• EP 2005001808 W 20050222
• DE 102004009465 A 20040227

Abstract (en)
[origin: DE102004009465A1] The system has an electronic drive train (2) with steering system (6), brake unit (7), and drive (8). A driver transmit a travel requirement (FW) for manual operation, via a manual actuating unit (13), which generates a standardised movement vector (BV). A control unit (19) generates control signals from the movement vector to operate the drive train. A traction vehicle-mounted trailer co-ordination device (20) supplies at least one trailer-specific actual value (IW) and transmits it to the control unit. This generates the control signals dependent upon the actual values. An angle sensor determines an angle between traction vehicle and the towbar of a trailer and generates an angle signal to represent the actual value.

IPC 8 full level
G05D 1/02 (2006.01); **B62D 13/06** (2006.01)

CPC (source: EP KR US)
B60G 17/0195 (2013.01 - KR); **B60R 16/02** (2013.01 - KR); **B62D 13/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2006094519A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
DE 102004009465 A1 20050915; CN 1965275 A 20070516; EP 1725920 A2 20061129; JP 2007525378 A 20070906;
KR 20060120695 A 20061127; US 2007090688 A1 20070426; WO 2006094519 A2 20060914; WO 2006094519 A3 20061207

DOCDB simple family (application)
DE 102004009465 A 20040227; CN 200580000082 A 20050222; EP 05726239 A 20050222; EP 2005001808 W 20050222;
JP 2007506672 A 20050222; KR 20067012419 A 20060622; US 54746605 A 20050222