Title (en)
INSPECTION SYSTEM, INSPECTION METHOD AND PROGRAM

Title (de)
INSPEKTIONSSYSTEM, INSPEKTIONSVERFAHREN UND PROGRAMM

Title (fr)
SYSTÈME D'INSPECTION, PROCÉDÉ ET PROGRAMME D'INSPECTION

Publication
EP 3434552 A1 20190130 (EN)

Application
EP 17770175 A 20170317

Priority
• JP 2016058638 A 20160323
• JP 2017011010 W 20170317

Abstract (en)
An inspection apparatus (800) calculates an alignment irregularity amount by substituting angular displacements of wheel sets (13a to 13d) in a yawing direction, state variables derived by a filter, and a measured value of a forward-and-backward-direction force into motion equations that describe yawings of the wheel sets (13a to 13d).

IPC 8 full level
B61K 9/08 (2006.01); **B60L 3/00** (2019.01); **B61D 37/00** (2006.01); **B61F 5/24** (2006.01); **B61L 1/20** (2006.01); **E01B 35/00** (2006.01)

CPC (source: EP US)
B61D 37/00 (2013.01 - EP US); **B61F 5/24** (2013.01 - EP); **B61K 9/08** (2013.01 - EP); **B61L 23/042** (2013.01 - EP); **E01B 35/00** (2013.01 - EP)

Cited by
EP3992052A4; EP3677485A4; US11170146B2

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)
EP 3434552 A1 20190130; **EP 3434552 A4 20200108**; **EP 3434552 B1 20210505**; CN 108778888 A 20181109; CN 108778888 B 20191112; JP 6547902 B2 20190724; JP WO2017164133 A1 20181115; WO 2017164133 A1 20170928

DOCDB simple family (application)
EP 17770175 A 20170317; CN 201780016557 A 20170317; JP 2017011010 W 20170317; JP 2018507314 A 20170317