

Title (en)
Method for calculating a driving recommendation

Title (de)
Verfahren zur Kalkulation einer Fahrempfehlung

Title (fr)
Procédé de calcul d'une trajectoire recommandée

Publication
EP 2532563 A3 20160727 (DE)

Application
EP 12170481 A 20120601

Priority
DE 102011103679 A 20110609

Abstract (en)
[origin: EP2532563A2] The method involves loading physical properties of a rail vehicle in a control unit, where the rail vehicle forms a train unit. A costing model is selected for calculating a desired speed profile based on traction of the rail vehicle. A target speed profile is calculated for a route to be traveled, and a travel instruction is updated while driving with respect to current position and speed of the rail vehicle and data that is stored in data memory. The cost of amount of energy required for the route to be traveled is optimized by the calculation of the travel instruction.

IPC 8 full level
B61L 3/00 (2006.01)

CPC (source: EP)
B61L 15/0058 (2024.01)

Citation (search report)
• [X] DE 102008038753 A1 20100225 - MTU FRIEDRICHSHAFEN GMBH [DE]
• [X] US 2006200437 A1 20060907 - HOWLETT PHILLIP G [AU], et al
• [X] DE 102010024800 A1 20110113 - KNORR BREMSE SYSTEME [DE]
• [X] DE 102009023704 A1 20101028 - VOITH PATENT GMBH [DE]

Cited by
CN106585669A; GB2536002A; GB2536002B; EP3219560A1; CN108778862A; EP4063229A1; WO2017157732A1; US12091066B2; WO2020176924A1

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 2532563 A2 20121212; EP 2532563 A3 20160727; DE 102011103679 A1 20121213

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EP 12170481 A 20120601; DE 102011103679 A 20110609