

Title (en)
METHOD, APPARATUS, SYSTEM AND COMPUTER PROGRAM INSTRUCTIONS FOR MONITORING BRAKING PERFORMANCE

Title (de)
VERFAHREN, VORRICHTUNG, SYSTEM UND COMPUTERPROGRAMMANWEISUNGEN ZUR ÜBERWACHUNG DER BREMSLEISTUNG

Title (fr)
PROCÉDÉ, APPAREIL, SYSTÈME ET INSTRUCTIONS DE PROGRAMME INFORMATIQUE POUR SURVEILLER DES PERFORMANCES DE FREINAGE

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Application
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Abstract (en)
[origin: WO2023007139A1] The present invention relates to braking performance monitoring. One aspect of the invention relates to a method 100 for use in an electronic system for monitoring braking performance 301 for a braking system of a vehicle, the method comprising causing, at least in part, actions that result in: receiving 101, from at least one sensor 302 (such as at least one telematics unit/telemetry units, loggers), brake measurement data 201 indicative of at least one value of at least one brake measurement parameter for at least one brake event of at least one brake of at least one braking system of at least one vehicle; determining 102, based at least in part on received input data 202a, context data 202 associated with the brake measurement data, wherein the context data is indicative of at least one value of at least one context parameter for the at least one brake event; determining 103 braking performance data 203 indicative of at least one value of at least one braking performance parameter for the least one brake; wherein the braking performance data is determined based at least in part by inputting the brake measurement data and the associated context data into a trained braking performance model 204; and wherein the trained braking performance model is a model that has been generated via at least one machine learning system 205 and configured to: receive, as an input, data indicative of one or more brake measurement parameter values and data indicative of associated one or more context parameter values, and output data indicative of one or more braking performance parameter values for the same. Other aspects of the invention relate to an apparatus, a system and computer program instructions.

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