

Title (en)

METHOD FOR SIMULATING AND OPTIMIZING LOADING OF A TRANSPORT SYSTEM

Title (de)

VORRICHTUNG ZU SIMULATION UND OPTIMIERUNG DER BELADUNG EINES TRANSPORTSYSTEMS

Title (fr)

PROCÉDÉ DE SIMULATION ET D'OPTIMISATION DE CHARGEMENT D'UN SYSTÈME DE TRANSPORT

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Application

EP 18833935 A 20181213

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Abstract (en)

[origin: CA3083955A1] The invention relates to a method for simulating and optimizing loading of a load transport system in order to determine an optimized loading plan, characterized in that it comprises the following steps: a) inputting the pre-recorded structural and functional parameters of at least one transport system; b) inputting the number and the parameters of sizes and of weights of the loads to be transported, said parameters being pre-recorded; c) inputting the separation between the loads on the basis of pre-recorded values; d) inputting the route and/or the destination of the load in order to select the pre-recorded legal restrictions to which the load will be subject during transport; e) performing a real-time optimization calculation that takes into account the parameters and restrictions of steps a), b), c) and d) in order to simulate at least one optimized loading plan that complies with all of the restrictions; f) presenting, in digital form or in paper form, optimized loading calculated under e) or loading that approaches an initial loading request.

IPC 8 full level

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