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(54) Title (EN): METHOD AND SYSTEM FOR MONITORING OF RAIL WAGON HAND BRAKE

(54) Title (FR): PROCÉDÉ ET SYSTÈME DE SURVEILLANCE D'UN FREIN À MAIN DE WAGON FERROVIAIRE

(57) Abstract:

(EN): The current invention relates to a method for monitoring a hand brake (1) of at least one rail wagon, preferably unpowered rail wagon, comprising a chassis by means of a monitoring system (33, 34); said hand brake comprising a hand-operated mechanical device, a brake linkage system and at least one brake pad; said hand-operated mechanical device, said brake linkage system and said at least one brake pad mechanically connected; said monitoring system comprising a detection module and a monitoring module; said detection module comprising at least one detector element (33, 34); said monitoring module comprising a processor, tangible non-volatile memory, instructions on said memory for instructing said processor; said method comprising a plurality of steps.

(FR): La présente invention concerne un procédé de surveillance d'un frein (1) à main d'au moins un wagon ferroviaire, de préférence un wagon ferroviaire non motorisé, comportant un châssis, au moyen d'un système (33, 34) de surveillance; ledit frein à main comportant un dispositif mécanique actionné à la main, un système d'embellage de frein et au moins une garniture de frein; ledit dispositif mécanique actionné à la main, ledit système d'embellage de frein et ladite ou lesdites garnitures de frein étant reliés mécaniquement; ledit système de surveillance comportant un module de détection et un module de surveillance; ledit module de détection comportant au moins un élément détecteur (33, 34); ledit module de surveillance comportant un processeur, une mémoire non volatile tangible, des instructions sur ladite mémoire servant à donner des consignes audit processeur; ledit procédé comportant une pluralité d'étapes.

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