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(54) Title (EN): COMMUNICATION SYSTEM AND METHOD FOR A BARRIER OPERATOR

(54) Title (FR): SYSTÈME ET PROCÉDÉ DE COMMUNICATION POUR UNE COMMANDE DE BARRIÈRE

(57) Abstract:

(EN): A system and method for communicating with a barrier operator system to direct operation of a barrier. The system and method may include adaptively updating an expected time duration for an operational sequence that includes occurrence of an event relating to operation of the barrier operator system and receipt of a status message from the barrier operator system. The system may monitor and record the elapsed time for the operational sequence, and determine the expected time duration for the operational sequence based on the recorded history of elapsed times. If the status message is not received within the expected time duration after occurrence of the event, the system may transmit a status request message to the barrier operator system to obtain information relating to the status of the barrier operator system or the barrier, or both.

(FR): L'invention concerne un système et un procédé pour communiquer avec un système de commande de barrière afin de diriger la commande d'une barrière. Le système et le procédé peuvent comprendre la mise à jour adaptative d'une durée prévue pour une séquence opérationnelle qui comprend la survenue d'un événement relatif au fonctionnement du système de commande de barrière et la réception d'un message d'état provenant du système de commande de barrière. Le système peut surveiller et enregistrer le temps écoulé pour la séquence opérationnelle, et déterminer la durée prévue pour la séquence opérationnelle sur la base de l'historique enregistré de temps écoulés. Si le message d'état n'est pas reçu dans la durée prévue après survenue de l'événement, le système peut transmettre un message de demande d'état au système de commande de barrière pour obtenir des informations concernant l'état du système de commande de barrière ou de la barrière, ou des deux.

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Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))