

Title (en)

METHOD FOR CONTROLLING LIFTING OF A SUSPENDED LOAD IN THE EVENT OF AN EMERGENCY STOP

Title (de)

STEUERUNGSVERFAHREN ZUM STEUERN DES HEBENS EINER HÄNGENDEN LAST IM FALLE EINES NOTSTOPPS

Title (fr)

PROCÉDÉ DE PILOTAGE POUR PILOTER UN LEVAGE D'UNE CHARGE SUSPENDUE EN CAS D'ARRÊT D'URGENCE

Publication

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Application

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Priority

FR 2101736 A 20210223

Abstract (en)

[origin: CN115028072A] A method for controlling the hoisting of a suspended load (9) by means of a hoisting winch (6) integrated with a drum (62) on which a hoisting rope (60) is wound and coupled to the load, the method comprising: measuring a hoisting speed and mass parameters representative of the mass and displacement speed of the load; supervising an emergency stop device (4), which, once activated, closes the hoisting winch; during the rising period of the load, comparing the hoisting speed with a low threshold value and a high threshold value, the low threshold value and the high threshold value changing according to the quality parameter; the hoisting is monitored in an optimized mode in which the hoisting speed at the rise is allowed below a high threshold and prohibited above the high threshold, and an alarm is initiated if the emergency stop device is activated during the hoisting while the hoisting speed is above a low threshold.

IPC 8 full level

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