

Title (en)

CONSTRUCTION MACHINE AND METHOD FOR THE UP AND DOWN MOVEMENT OF A STROKE ELEMENT

Title (de)

BAUMASCHINE UND VERFAHREN ZUM AUF- UND ABBEWEGEN EINES HUBELEMENTES

Title (fr)

ENGIN ET PROCEDE DE LEVAGE ET D'ABAISSMENT D'UN ELEMENT DE LEVAGE

Publication

EP 3144260 B1 20180124 (DE)

Application

EP 16178836 A 20160711

Priority

DE 102015115146 A 20150909

Abstract (en)

[origin: US2017066633A1] The invention relates to a construction machine having a mast and a lifting element which can be moved up and down along the mast with a hoist rope. The hoist rope can be activated by means of two rope winches. At least one first rope winch is designed as a free fall winch, wherein the hoist rope can be lowered in free fall. To lower the hoist rope a controller is provided, with which the first rope winch, which is designed as a free fall winch, can be switched into a free fall mode. Meanwhile, a second rope winch is operated in force-locking manner.

IPC 8 full level

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CPC (source: CN EP KR US)

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Cited by

EP3708528A1; EP4144919A3; EP4249685A3; CN111689406A; EP3725951A1; US11235958B2

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