

Title (en)  
HOIST LIFE CALCULATING DEVICE

Title (de)  
VORRICHTUNG ZUR KALKULATION DER LEBENSDAUER EINER AUFZUGSWINDE

Title (fr)  
DISPOSITIF DE CALCUL DE DURÉE DE VIE DE TREUIL

Publication  
**EP 3366634 B1 20200129 (EN)**

Application  
**EP 18166581 A 20140129**

Priority  
• JP 2013070982 A 20130329  
• EP 14774591 A 20140129  
• JP 2014051883 W 20140129

Abstract (en)  
[origin: EP2980001A1] A hoist life calculating device has a load calculating unit (21) that calculates a load suspended from a hoist (4) from the motor speed and the current value of a control inverter for the hoist, an operation cycle measuring unit (25) that counts both the number of lifting operations and the number of lowering operations of the hoist for each load calculated by the load calculating unit (21), an operating time measuring unit (24) that counts the operating time for each load calculated by the load calculating unit (21), and a remaining lifetime calculating unit (26) that calculates a loading rate from the operating time for each load measured by the operating time measuring unit (24) and that calculates the remaining lifetime of the device for hoisting from the obtained loading rate.

IPC 8 full level  
**B66C 13/16** (2006.01); **B66C 15/00** (2006.01)

CPC (source: CN EP)  
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DOCDB simple family (publication)  
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