

Title (en)

A LOWER PULLEY WITH A MECHANISM FOR TERMINATING WINDING OF A ROPE AND A WINCH COMPRISING THE SAID PULLEY

Title (de)

UNTERE RIEMENSCHIEBE MIT MECHANISMUS ZUM BEENDEN DER AUFWICKLUNG EINES SEILS UND WINDE MIT DIESER RIEMENSCHIEBE

Title (fr)

POULIE INFERIEURE AVEC UN MECANISME POUR TERMINER L'ENROULEMENT D'UN CABLE ET TREUIL COMPRENANT LADITE POULIE

Publication

**EP 3919427 A1 20211208 (EN)**

Application

**EP 21174616 A 20210519**

Priority

SI 202000088 A 20200521

Abstract (en)

Bottom pulley with a stop switch and a forestry winch comprising the said pulley comprising:- on a housing of the pulley (O), preferably in the upper or the lower part, at least one sensor or a switch (4) is installed, said sensor or a switch being arranged to terminate winding of a load upon touch of the load with an impact element (1);- the impact element may have one or several parts and is attached to the housing of the pulley in a mounting (2), so that in its extreme position the impact element is pushed into or out from a sensing field of the sensor or switch, wherein:# the impact element has a space, in which the pulling rope can run; and# the impact element is due to amortization of force of the pulled load additionally mounted in an additional mounting (11);- and the impact element is equipped with a suitable spring, which amortizes the pulling force and ensures a return movement of the impact element into its initial position, in which the pulling force of the load does not affect the impact element.

IPC 8 full level

**B66D 1/56** (2006.01); **B66D 3/24** (2006.01)

CPC (source: EP)

**B66D 1/56** (2013.01); **B66D 3/24** (2013.01)

Citation (applicant)

EP 3095748 B1 20170927 - PISEK - VITLI KRPAN D O O [SI]

Citation (search report)

- [XDYI] EP 3095748 A1 20161123 - PISEK VITLI KRPAN DOO [SI]
- [YA] JP S6050697 U 19850409
- [A] SI 25043 A 20170228 - TAJFUN PLANINA PROIZVODNJA STROJEV D O O [SI]

Cited by

EP4371924A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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