

Title (en)
CARRIAGE

Title (de)
LAUFWAGEN

Title (fr)
CHARIOT

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EP 4040944 A1 20220817 (DE)

Application
EP 20786545 A 20201006

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Abstract (en)
[origin: WO2021069438A1] The present invention relates to a grapple carriage (fig. 1, item 1) for uphill, downhill and horizontal cabling of lumber and long goods. The carriage determines its absolute and relative position in space by means of training travel and measuring travel. During this travel, a topographic ground profile and/or altitude profile is produced, and the position of the trees or long goods to be transported is analysed. A central open-loop and/or closed-loop control unit processes all the machine status information which has been recorded and/or transmitted by the winch or yarder. And/or the operator's specifications. The controller implements the gripping position on the lumber, necessary during this transportation operation, and ensures that the crown of the tree slides along the ground. The grapple carriage moves the trees or long goods lying in the cableway autonomously onto the landing location which is provided.

IPC 8 full level
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