

Title (en)

CONSTRUCTION ELEVATOR AND METHOD FOR EXTENDING MAIN ROPE OF CONSTRUCTION ELEVATOR

Title (de)

BAUAUFZUG UND VERFAHREN ZUR VERLÄNGERUNG DES HAUPTSEILS EINES BAUAUFZUGS

Title (fr)

ÉLÉVATEUR DE CONSTRUCTION ET PROCÉDÉ D'EXTENSION DU CÂBLE PRINCIPAL D'UN ÉLÉVATEUR DE CONSTRUCTION

Publication

EP 4234471 A1 20230830 (EN)

Application

EP 20958614 A 20201020

Priority

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Abstract (en)

A construction elevator includes a rope reel, an elevating body, a pulley, a first rope gripper, and a second rope gripper. The pulley is disposed on the main rope between the rope reel and the elevating body and wrapped with the main rope drawn from the rope reel. The first rope gripper releasably grips the main rope on the rope reel side of the pulley. The second rope gripper releasably grips the main rope on the elevating body side of the pulley. Furthermore, the pulley is supported so as to be movable along the direction in which the elevating body moves vertically.

IPC 8 full level

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CPC (source: EP)

B66B 19/00 (2013.01)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (publication)

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