

Title (en)
DEVICE FOR ALIGNING A RAISED LOAD

Title (de)
ANORDNUNG ZUM AUSRICHTEN EINER ANGEHOBENEN LAST

Title (fr)
AGENCEMENT D'ALIGNEMENT D'UNE CHARGE SOULEVÉE

Publication
EP 4095083 B1 20231011 (DE)

Application
EP 22174419 A 20220519

Priority
DE 102021113489 A 20210526

Abstract (en)
[origin: US2022380182A1] An arrangement for aligning a raised load has a rigid carrier element and tension cords secured to and extending down from the carrier element. The lower ends of the tension cords are provided for securing at load engagement points on the load. One tension cord has a length adjustment device extending between upper and lower connection points. The length adjustment device has a housing pivotably secured to the upper connection point. A drive shaft is mounted rotatably in the housing. A drive wheel, a friction disc brake, a load wheel, and a gear mechanism, coupling the drive shaft to the load wheel, are arranged on the drive shaft. The load wheel has over its circumference chain link cavities for individual chain links of a chain sling guided around the load wheel. The chain sling is secured by one of its ends at the lower connection point.

IPC 8 full level
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B66C 1/10 (2013.01 - EP); **B66C 13/08** (2013.01 - US); **B66D 3/14** (2013.01 - US); **B66D 3/16** (2013.01 - EP)

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