

Title (en)

Load lifting device, in particular for wooden panels

Title (de)

Vorrichtung zum Heben von Gegenständen, insbesondere Holzplatten

Title (fr)

Appareil pour le levage de charges, en particulier des panneaux en bois

Publication

EP 1396462 A3 20040707 (DE)

Application

EP 03017724 A 20030804

Priority

DE 10235384 A 20020802

Abstract (en)

[origin: EP1396462A2] The lifting device has a rigid cross-beam (1) and two tension rods (3a,3b), coupled together at their upper ends and to the opposite ends of the cross-beam at their lower ends, for providing a triangular linkage. The ends of the cross-beam are provided with angled guide sleeves (5a,5b), their longitudinal axes intersecting at a point below the cross-beam, in line with its center and which fit into angled bores (15) drilled in the top face of the timber product (14), the fixing pins (6a,6b) received by the guide sleeves having a releasable locking mechanism (23a,23b) for preventing movement relative to the guide sleeve in the longitudinal direction, coupled to a warning device providing an optical and/or acoustic alarm when the locking mechanism is not activated.

IPC 1-7

B66C 1/66

IPC 8 full level

B66C 1/66 (2006.01)

CPC (source: EP)

B66C 1/66 (2013.01)

Citation (search report)

- [DX] DE 19962127 A1 20010712 - INHOLZ GBM [DE]
- [A] DE 2160575 A1 19730614 - HEBEL GASBETONWERK GMBH
- [A] US 1366746 A 19210125 - JOHN POHL

Cited by

CN110106954A; LT5548B; US10935064B2; US8113556B2; EP3962850A4; WO2008101490A1; US11519166B2; US11174133B2; WO2020223128A1

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