

Title (en)

Attachment device for the load-carrying tape means of a lifting device.

Title (de)

Befestigungsvorrichtung für das bandförmige Tragmittel eines Hebezeuges.

Title (fr)

Dispositif de fixation pour le moyen de support à ruban d'un appareil de levage.

Publication

**EP 0091992 A2 19831026 (DE)**

Application

**EP 82111368 A 19821208**

Priority

DE 3214340 A 19820419

Abstract (en)

1. Fastening mechanism for the strap-shaped carrying means (3) of a lifting gear comprising a strap-shaped carrying means that can be wound in spiral form about a drum (4) and which is fastened by its one end to load carrying means (1, 2) and by its other end to the drum, the respective end of the carrying means being introduced into a recess arranged at least in the load carrying means, transversely to the carrying means, and provided with a receiving slot (7) for the carrying means, and being passed around a clamping element (9, 9a) which is arranged in the said recess and by which it is pressed against the inner wall of the recess, characterized in that the said recess takes the form of a bore (6), that the clamping element (9, 9a) is radially expandable and comprises an axial tensioning screw (100) passing through the said clamping element for being screwed into an abutment (13), and that the said clamping element coacts with tensioning elements (10) for translating an axial tensioning movement into a radial expansion of the clamping element.

Abstract (de)

Eine Befestigungsvorrichtung für das bandförmige Tragmittel (3) eines Hebezeuges, dessen Tragmittel (3) an einem Ende an einem Lastaufnahmemittel und an seinem anderen Ende an der Bandtrommel befestigt ist, ist derart ausgebildet, daß das Lastaufnahmemittel (2) und/oder die Bandtrommel eine einen Einführschlitz für das Tragmittel (3) aufweisende, quer zu dem Tragmittel ausgerichtete Bohrung (6) aufweist, in der ein in seiner Querschnittsgestalt der Bohrung (6) angepaßtes Klemmelement (9) angeordnet ist, das in seinem Außendurchmesser mittels eines Spannelementes (100) veränderbar ist und daß das endseitig um das Klemmelement herumgeführte Tragmittel (3) zwischen der Bohrungswand und dem aufgeweiteten Klemmelement (9) verklebbar ist.

IPC 1-7

**B66C 1/34**; **B65H 75/28**

IPC 8 full level

**B65H 75/28** (2006.01); **B66C 1/34** (2006.01); **B66D 1/34** (2006.01)

CPC (source: EP)

**B66C 1/34** (2013.01); **B66D 1/34** (2013.01)

Cited by

CN103145031A; CN111232826A; EP0822157A1; US6030015A; CN1088038C; US6390523B2

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0091992 A2 19831026**; **EP 0091992 A3 19840718**; **EP 0091992 B1 19860730**; AT E21090 T1 19860815; DE 3214340 A1 19831027; DE 3214340 C2 19841129

DOCDB simple family (application)

**EP 82111368 A 19821208**; AT 82111368 T 19821208; DE 3214340 A 19820419