

Title (en)

A lifting sling and a method for manufacturing it.

Title (de)

Hebeschlinge und Verfahren zu ihrer Herstellung.

Title (fr)

Elinge de levage et son procédé de fabrication.

Publication

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Application

EP 88301423 A 19880219

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- FI 880543 A 19880205

Abstract (en)

The invention relates to an endless, flexible lifting sling which is fitted on the one hand around the load and on the other hand to the lifting device. The sling is made up of a load-bearing core (2) which is formed of one or several coils of thread, and of a tubular mantle (1), surrounding the core, the ends (3a, 3b) of the mantle having been (4) connected to each other. The purpose of the invention is to provide a sling having a mantle which is smooth and without transverse folds which weaken the sling and hamper the use of the sling. This has been achieved by making the mantle (1) shorter than the core (2). The difference in length is preferably at least 2 % and may be up to 10 %. The invention also relates to a couple of methods for the making of such a sling. One of the methods comprises a heat treatment in which, by means of suitably selected raw material, temperature and treatment period, a shorter length is obtained for the mantle (1) than for the core (2). According to the other method the sling is made of an already shorter mantle, in which case the mantle must have a greater break elongation value than has the core which, owing to its greater length, will have to stretch less.

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IPC 8 full level

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Citation (search report)

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