

Title (en)  
LIFTING BELT SLING

Title (de)  
HEBEGURTSCHLINGE

Title (fr)  
ELINGUE DE LEVAGE

Publication  
**EP 1451091 B1 20110302 (DE)**

Application  
**EP 02782594 A 20021203**

Priority  
• CH 0200655 W 20021203  
• CH 22072001 A 20011203

Abstract (en)  
[origin: US7637549B2] A lifting belt sling for lifting loads is comprised of a tubular structure having at least two chambers whereby forming, as one unit, a chamber tube that is contiguous over the width. Loosely inserted inserts are located inside the at least two chambers and endlessly extend from one end of the chamber tube to the other end thereof. The inserts overlap the ends of the chamber tube so that they form loops at this location, whereby the inserts, when situated in the loop area, are covered by a tube protective means. A protective tube, which surrounds the chamber tube and is formed by different weaves, significantly increases the resistance to abrasion, the resistance to cutting, and the edge strength. The lifting belt sling is designed for loads of up to 100 t.

IPC 8 full level  
**B66C 1/18** (2006.01)

CPC (source: EP US)  
**B66C 1/18** (2013.01 - EP US); **D07B 1/18** (2013.01 - EP US); **D07B 2201/20903** (2015.07 - EP US)

Cited by  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**WO 03048023 A1 20030612**; AT E500185 T1 20110315; DE 50214938 D1 20110414; EP 1451091 A1 20040901; EP 1451091 B1 20110302; US 2005062303 A1 20050324; US 7637549 B2 20091229

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