

Title (en)
SLING BAND

Title (de)
HEBEBAND

Title (fr)
ELINGUE A BANDE

Publication
EP 1345837 A1 20030924 (DE)

Application
EP 01271322 A 20011220

Priority
• CH 0100730 W 20011220
• CH 24832000 A 20001220

Abstract (en)
[origin: US7357433B2] A sling band for lifting loads is disclosed. The sling band has a first band, a second band and overlapping areas, whereby the ends of the bands lead into the overlapping areas. The first band includes first warp threads and the second band includes second warp threads, whereby the warp threads, together with weft threads, form a first and a second weave. In the overlapping areas, the warp threads are joined to one another where they form a web construction with the weft threads. The web construction includes at least one additional third weave that differs from the first and second weaves. A portion of the warp threads has a lower melting point than that of the remaining warp threads thus enabling the interwoven overlapping areas to be provided with increased strength using a weld.

IPC 1-7
B66C 1/18; **D03D 1/00**

IPC 8 full level
B66C 1/18 (2006.01); **D03D 1/00** (2006.01); **D03D 3/04** (2006.01)

CPC (source: EP US)
B66C 1/18 (2013.01 - EP US); **D03D 1/0005** (2013.01 - EP US); **D03D 3/04** (2013.01 - EP US); **D10B 2401/041** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0249952 A1 20020627; AT E283824 T1 20041215; DE 50104721 D1 20050105; EP 1345837 A1 20030924; EP 1345837 B1 20041201; ES 2234772 T3 20050701; HK 1059074 A1 20040618; US 2004094981 A1 20040520; US 7357433 B2 20080415

DOCDB simple family (application)
CH 0100730 W 20011220; AT 01271322 T 20011220; DE 50104721 T 20011220; EP 01271322 A 20011220; ES 01271322 T 20011220; HK 04102044 A 20040319; US 45081703 A 20031029