

Title (en)  
Rope

Title (de)  
Seil

Title (fr)  
Câble

Publication  
**EP 1439262 B1 20090429 (EN)**

Application  
**EP 03029800 A 20031223**

Priority  
JP 2003007354 A 20030115

Abstract (en)  
[origin: EP1439262A2] In a rope comprising a bundle of wires (21, 31, 32) each of which is adapted to bear a tensile load to be borne by the rope, predetermined one (32) of the wires is configured to be at least partially breakable by applying tension and flexure to the rope, before an at least partial breakage of a rest of the wires (21, 31) other than the predetermined one (32) of the wires by applying the tension and flexure to the rope.  
<IMAGE>

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 7/06** (2006.01); **D07B 1/06** (2006.01); **D07B 1/14** (2006.01); **D07B 1/16** (2006.01)

CPC (source: EP KR US)  
**B66B 7/06** (2013.01 - EP); **D07B 1/0673** (2013.01 - EP KR); **D07B 1/14** (2013.01 - KR); **D07B 1/145** (2013.01 - EP US); **D07B 1/162** (2013.01 - EP); **D07B 1/165** (2013.01 - EP US); **D07B 1/24** (2021.01 - EP US); **D07B 2201/1012** (2013.01 - KR); **D07B 2201/102** (2013.01 - EP); **D07B 2201/1036** (2013.01 - EP); **D07B 2201/104** (2013.01 - EP); **D07B 2201/2009** (2013.01 - KR); **D07B 2201/204** (2013.01 - EP); **D07B 2201/2044** (2013.01 - EP); **D07B 2201/2053** (2013.01 - EP); **D07B 2201/2061** (2013.01 - EP); **D07B 2201/2065** (2013.01 - EP); **D07B 2205/3021** (2013.01 - KR); **D07B 2301/555** (2013.01 - EP); **D07B 2401/2065** (2013.01 - KR); **D07B 2501/2007** (2013.01 - EP)

Cited by  
CN102292497A; EP2434050A1; CN111278759A; US11427959B2; US7876096B2

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**EP 1439262 A2 20040721**; **EP 1439262 A3 20050706**; **EP 1439262 B1 20090429**; CN 100412266 C 20080820; CN 1517485 A 20040804; DE 60327414 D1 20090610; EP 1818444 A1 20070815; JP 2004218147 A 20040805; JP 4310112 B2 20090805; KR 101120703 B1 20120323; KR 20040066009 A 20040723; TW 200419036 A 20041001; TW I251634 B 20060321

DOCDB simple family (application)  
**EP 03029800 A 20031223**; CN 200410002024 A 20040112; DE 60327414 T 20031223; EP 07007092 A 20031223; JP 2003007354 A 20030115; KR 20040002495 A 20040114; TW 92136442 A 20031222