

Title (en)
TETHERING APPARATUS AND INERTIA LOCKING REEL

Title (de)
SICHERHEITSGURT MIT TRÄGHEITSAUFROLLER

Title (fr)
DISPOSITIF DE RETENUE A DEROULEUR FREINE PAR INERTIE

Publication
EP 1169090 A1 20020109 (EN)

Application
EP 00910400 A 20000316

Priority
• AU 0000209 W 20000316
• AU PP925599 A 19990316

Abstract (en)
[origin: WO0054842A1] A tethering apparatus (14) including a harness (15), an anchor (16) and a line member (17) wherein said line member (17) connects said harness (15) to said anchor (16), further including a spool (19) about which the line member (17) is wound, said spool (19) having an inertia lock (18) for arresting the spool (19) when the line member (17) is unwound from the spool (19) at a rate above a predetermined value. The inertia lock (18) preferably includes a housing having an inner surface in the form of a ratchet (32), and a pawl (37) mounted for rotation about an axis substantially parallel to and offset from the axis about which the spool (19) rotates and wherein said pawl (37) is biased to a disengaged condition where the pawl (37) is disengaged from the ratchet (32) and wherein said pawl (37) engages the ratchet (32) and arrests the spool (19) when the line member (17) is unwound from the spool (19) at a rate above a predetermined value.

IPC 1-7
A62B 35/00; B60R 22/36; A01K 97/00

IPC 8 full level
A01K 97/00 (2006.01); **A01K 97/22** (2006.01); **A62B 35/00** (2006.01); **A62B 35/04** (2006.01); **E04G 21/32** (2006.01)

CPC (source: EP KR)
A01K 97/00 (2013.01 - EP KR); **A62B 35/0093** (2013.01 - EP KR)

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

DOCDB simple family (publication)
WO 0054842 A1 20000921; AU PP925599 A0 19990415; CA 2367311 A1 20000921; EP 1169090 A1 20020109; EP 1169090 A4 20020515; JP 2002538905 A 20021119; KR 20020001762 A 20020109; NO 20014467 D0 20010914; NO 20014467 L 20011109; NZ 514861 A 20031128; ZA 200108474 B 20021127

DOCDB simple family (application)
AU 0000209 W 20000316; AU PP925599 A 19990316; CA 2367311 A 20000316; EP 00910400 A 20000316; JP 2000604914 A 20000316; KR 20017011624 A 20010913; NO 20014467 A 20010914; NZ 51486100 A 20000316; ZA 200108474 A 20011016