

Title (en)
LINE RETAINER DEVICE

Title (de)
LEITUNGSHALTEVORRICHTUNG

Title (fr)
DISPOSITIF DE RETENUE DE LIGNES

Publication
EP 2580509 A1 20130417 (EN)

Application
EP 11796043 A 20110525

Priority
• SE 1050600 A 20100614
• SE 2011050650 W 20110525

Abstract (en)
[origin: WO2011159224A1] The invention relates to a line retainer device for at least one line unit (38, 40) comprising at least two lines (42, 44) which run alongside one another and are capable of being held together, and a line housing (46) for said lines (42, 44), which line retainer device (2) is arranged to be fittable to a substrate (18), and comprises a frame (4) and at least two retainer means (6, 8) which protrude from the frame and each have a free end (20, 22) situated at a distance from the frame (4) to make it possible for at least one line unit (38, 40) to be inserted into the gap (24) between the frame (4) and the free end (20) of the first retainer means (6), the second retainer means (8) is arranged in such a way that a further gap (26) is formed between a side edge (28) of the first retainer means (6) and the free end (22) of the second retainer means (8), into which gap (26) it is also possible for the line unit (38, 40) to be inserted, and said side edge (28) of the first retainer means (6) and the said free end (22) of the second retainer means (8) have respective recesses (30, 32; 34, 36) for the line unit (38, 40), resulting in rapid, simple, directionally stable and safe suspension of at least one line unit (38, 40).

IPC 8 full level
F16L 3/02 (2006.01)

CPC (source: EP SE)
B60R 16/0215 (2013.01 - EP); **F01N 13/1805** (2013.01 - EP); **F16L 3/02** (2013.01 - EP SE); **F16L 3/237** (2013.01 - EP); **H02G 3/32** (2013.01 - EP); **F01N 3/2066** (2013.01 - EP); **F01N 2450/18** (2013.01 - EP); **F01N 2590/08** (2013.01 - EP); **F01N 2610/14** (2013.01 - EP); **F16L 53/38** (2018.01 - EP); **Y02A 50/20** (2018.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011159224 A1 20111222; BR 112012030883 A2 20161108; EP 2580509 A1 20130417; EP 2580509 A4 20170712; SE 1050600 A1 20111215; SE 534909 C2 20120214

DOCDB simple family (application)
SE 2011050650 W 20110525; BR 112012030883 A 20110525; EP 11796043 A 20110525; SE 1050600 A 20100614