

Title (en)
CABLE STRAIN RELIEF ELEMENT

Title (de)
KABELZUGENTLASTUNG

Title (fr)
SERRE-CÂBLE

Publication
EP 2593995 A2 20130522 (DE)

Application
EP 11802262 A 20110527

Priority
• DE 102010027444 A 20100717
• DE 102010027445 A 20100717
• DE 2011075122 W 20110527

Abstract (en)
[origin: WO2012041303A2] The invention relates to a cable gland (1, 100, 200, 300) for a connector housing, wherein a cable outlet connecting piece (30, 120, 220) is integrally molded on the housing body, and a strain relief element (40, 130, 230, 330) is provided, which mechanically stabilizes the cable to be connected as soon as a terminating screw head (2, 110, 210, 310) is screwed on, wherein the strain relief element (40, 130, 230, 330) can be fixed in a rotationally secure manner within the cable gland (1, 100, 200, 300) at a first end (40a, 130a, 230a, 330a), and wherein the second end (40b, 130b, 230b, 330b) of the strain relief element (40, 130, 230, 330) can be rotated relative to the first end (40a, 130a, 230a, 330a) via the rotational movement of the screw head (2, 110, 210, 310).

IPC 8 full level
H02G 3/06 (2006.01); **H02G 15/007** (2006.01)

CPC (source: EP US)
H02G 3/0658 (2013.01 - EP US); **H02G 3/0675** (2013.01 - EP US); **H02G 15/007** (2013.01 - EP US); **H02G 15/184** (2013.01 - US)

Citation (search report)
See references of WO 2012041303A2

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 2012041303 A2 20120405; WO 2012041303 A3 20121101; WO 2012041303 A9 20120524; CA 2804727 A1 20120405;
CA 2804727 C 20151117; CN 103026567 A 20130403; CN 103026567 B 20160127; EP 2593995 A2 20130522; JP 2013532935 A 20130819;
JP 5575333 B2 20140820; RU 2013106908 A 20140827; RU 2551461 C2 20150527; US 2013153290 A1 20130620

DOCDB simple family (application)
DE 2011075122 W 20110527; CA 2804727 A 20110527; CN 201180035109 A 20110527; EP 11802262 A 20110527;
JP 2013519964 A 20110527; RU 2013106908 A 20110527; US 201113810720 A 20110527