

Title (en)  
Wire seal, particularly single-wire seal

Title (de)  
Kabeldichtung, insbesondere Einzelkabeldichtung

Title (fr)  
Joint de cable, en particulier joint pour cable unifilaire

Publication  
**EP 2819249 A1 20141231 (EN)**

Application  
**EP 13173532 A 20130625**

Priority  
EP 13173532 A 20130625

Abstract (en)  
The present invention relates to a wire seal (10), particularly a single-wire seal (10) for an electric wire (30), for example an aluminium wire (30) and an electric crimp terminal (20), especially for the automotive industry, having a crimping section (120) for crimping the wire seal (10) to the electric crimp terminal and a sealing section (110) for sealing off the electric crimp terminal against an environment, wherein the sealing section (110) of the wire seal (10) is made from a comparatively soft material (11) and the crimping section (120) of the wire seal (10) is made from a comparatively hard material (12). The invention further relates to a wire seal, particularly a single-wire seal for an electrical wire, for example an aluminium wire and an electric crimp terminal, especially for the automotive industry, having a sealing section for sealing off the electric crimp terminal against an environment, wherein the wire seal comprises an anti-kink section at a trailing end of the sealing section, wherein the anti-kink section prevents the electric wire from being bent or buckled at the trailing end of the sealing section.

IPC 8 full level  
**H01R 13/52** (2006.01); **H01R 13/56** (2006.01)

CPC (source: EP)  
**H01R 13/5205** (2013.01); **H01R 13/562** (2013.01)

Citation (search report)  
• [XY] DE 19546963 A1 19970619 - WHITAKER CORP [US]  
• [XY] EP 2166624 A1 20100324 - SUMITOMO WIRING SYSTEMS [JP]  
• [Y] JP S6435676 U 19890303

Cited by  
EP3734782A1; CN113497389A; JP2021166125A; EP3142197A1; WO2018095966A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2819249 A1 20141231**; **EP 2819249 B1 20170809**; EP 3142197 A1 20170315

DOCDB simple family (application)  
**EP 13173532 A 20130625**; EP 16193131 A 20130625