

Title (en)  
ELECTRICAL CONNECTOR HAVING A RESISTANCE CODING

Title (de)  
STECKVERBINDETEIL MIT EINER WIDERSTANDKODIERUNG

Title (fr)  
PARTIE FICHE POURVUE D'UN CODAGE DE RÉSISTANCE

Publication  
**EP 3050175 A1 20160803 (DE)**

Application  
**EP 14781096 A 20140922**

Priority  
• DE 102013110548 A 20130924  
• EP 2014070085 W 20140922

Abstract (en)  
[origin: WO2015044068A1] The invention relates to an electrical connector part for transmitting a charging current comprising at least two contact elements for producing an electrical contact having associated contact elements of another electrical connector part, a support element on which the at least two contact elements are disposed, and a resistance device which is electrically connected to the at least two contact elements. According to the invention the resistance device (4) has a circuit board (43), an electrical resistance (40) disposed on the circuit board (43) and at least one contact spring (41, 42) disposed on the circuit board (43) and electrically connected to the resistance (40), wherein the circuit board (43) is retained on the support element (200) and the at least one contact spring (41, 42) electrically contacts one of the at least two contact elements (50-54). In this way an electrical connector part is created which in a simple manner enables the integration of a resistance device into an electrical connector part for the purpose of a resistance coding.

IPC 8 full level  
**H01R 13/66** (2006.01); **H01R 12/57** (2011.01); **H01R 24/70** (2011.01); **H01R 27/00** (2006.01)

CPC (source: EP US)  
**B60L 53/11** (2019.01 - EP US); **B60L 53/16** (2019.01 - EP US); **B60L 53/30** (2019.01 - EP US); **B60L 53/65** (2019.01 - EP US); **B60L 58/21** (2019.01 - EP US); **H01R 13/6616** (2013.01 - EP US); **H01R 43/20** (2013.01 - US); **H01R 12/57** (2013.01 - EP US); **H01R 24/70** (2013.01 - EP US); **H01R 27/00** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/14** (2013.01 - EP US); **Y02T 90/167** (2013.01 - EP US); **Y04S 30/14** (2013.01 - EP US)

Citation (search report)  
See references of WO 2015044068A1

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)  
**DE 102013110548 A1 20150326**; CN 105612670 A 20160525; CN 105612670 B 20190219; EP 3050175 A1 20160803; US 2016233622 A1 20160811; US 9705259 B2 20170711; WO 2015044068 A1 20150402

DOCDB simple family (application)  
**DE 102013110548 A 20130924**; CN 201480052605 A 20140922; EP 14781096 A 20140922; EP 2014070085 W 20140922; US 201415023726 A 20140922