

Title (en)

Electrical connector with a flat cable with grooved and flat surface

Title (de)

Elektrische Kontaktierungseinheit mit einem Flachkabel mit gerillter und planer Oberfläche

Title (fr)

Connecteur électrique avec un câble plat doté d'une surface plane et rainurée

Publication

EP 2768082 B1 20160615 (DE)

Application

EP 14000465 A 20140210

Priority

DE 102013002740 A 20130219

Abstract (en)

[origin: EP2768082A1] The flat ribbon cable (2) has several electrical wires (12) which are arranged in a cladding (6), and are arranged side by side in a core plane positioned parallel to the flat-shaped cladding top surface and cladding base portion (30). The cladding top surface and the cladding base portion are arranged parallel to the electrical wires. The grooves (60) are arranged between the electrical wires. The asymmetrically configured cladding outer sides (36,42) of the flat ribbon cable main portion is provided. An independent claim is included for electrical contact system.

IPC 8 full level

H01R 12/67 (2011.01); **H01B 7/08** (2006.01); **H01R 4/24** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)

H01R 12/67 (2013.01 - EP US); **H01R 13/5205** (2013.01 - EP US); **H01B 7/0823** (2013.01 - EP US)

Cited by

CN109216948A; WO2021046731A1; EP3319179A1

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)

EP 2768082 A1 20140820; **EP 2768082 B1 20160615**; DE 102013002740 A1 20140821; DK 2768082 T3 20160919; US 2014235094 A1 20140821; US 9450314 B2 20160920

DOCDB simple family (application)

EP 14000465 A 20140210; DE 102013002740 A 20130219; DK 14000465 T 20140210; US 201414183875 A 20140219