

Title (en)

CABLE CONNECTOR ASSEMBLY, CABLE CONNECTOR AND PRESSING MEANS

Title (de)

KABELSTECKVERBINDERANORDNUNG, KABELSTECKVERBINDER UND PRESSMITTEL

Title (fr)

DISPOSITIF DE CONNECTEUR ENFICHABLE DE CÂBLE, CONNECTEURS ENFICHABLE DE CÂBLE ET MOYEN DE PRESSION

Publication

EP 3671975 C0 20230802 (DE)

Application

EP 19208344 A 20191111

Priority

DE 102018132823 A 20181219

Abstract (en)

[origin: US2020203894A1] A cable connector arrangement includes a cable connector and an electrical cable with a plurality of individual lines each having a respective insulation and electrical conductor. The connector may include a front section configured for connection to a mating connector, a rear section in which the individual lines are surrounded by a cable sheath, and a central section. The electrical conductors of two individual lines have a first mutual distance in the rear section and a greater, second mutual distance in the front section with the mutual distance being increased in the central section. At least one pressing means in the central section may press at least the two individual lines together such that their insulations undergo mechanical deformation in a region of common contact.

IPC 8 full level

H01R 13/6477 (2011.01); **H01R 9/03** (2006.01); **H01R 24/20** (2011.01); **H01R 103/00** (2006.01)

CPC (source: CN EP US)

H01R 9/03 (2013.01 - CN EP); **H01R 12/53** (2013.01 - US); **H01R 13/5816** (2013.01 - US); **H01R 13/6473** (2013.01 - CN); **H01R 13/6474** (2013.01 - US); **H01R 13/6477** (2013.01 - EP); **H01R 13/6592** (2013.01 - US); **H01R 4/185** (2013.01 - US); **H01R 9/0518** (2013.01 - US); **H01R 24/20** (2013.01 - EP); **H01R 2103/00** (2013.01 - 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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

EP 3671975 A1 20200624; **EP 3671975 B1 20230802**; **EP 3671975 C0 20230802**; CN 111342308 A 20200626; DE 102018132823 A1 20200625; US 11283223 B2 20220322; US 2020203894 A1 20200625

DOCDB simple family (application)

EP 19208344 A 20191111; CN 201911310164 A 20191218; DE 102018132823 A 20181219; US 201916718798 A 20191218